



Welcome to

HM XColdo 1.0



Editor and browser add-on for XML documents
containing an 'HM Collection' data collection.

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Overview

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Short Description

PROGRAM : HM XColdo
VERSION : 1.0
LANGUAGE : English
SYSTEM : All Windows versions (32 bit)
AUTHOR : Dipl.-Ing. Martin Haller
CATEGORY : Shareware, XML, Editor, Browser Add-on
DESCRIPTION : Editor and browser add-on for XML documents containing an 'HM Collection' data collection.

Product Support

HOME PAGE : <http://hmse.cjb.net> →🌐
E-MAIL SALES : sales@hmse.cjb.net
E-MAIL SUPPORT : support@hmse.cjb.net

Share*It! Online-Shop

PROGRAM NUMBER : 300482368
PRODUCT INFO : [Product Page](#) →🌐
ORDER : [Online Order Page](#) →🌐



HM XColdo is a browser extension for MS Internet Explorer and Firefox you can use to create and edit 'HM Collection' documents right from within your Web browser. 'HM Collection' documents are XML documents containing a data collection with any desired content (link lists, image lists, recipe collection, item lists, price lists, address lists, etc.). Such an XML document is viewable in any Web browser like a usual HTML document. 'HM Collection' documents are stored as local XML file on your computer.

To store your data in the vendor independent, open XML document format is in your interest because you will be able to view and edit these documents with any Web browser or text editor program, respectively, still in the future, even though **HM XColdo** might not be available then. Moreover, XML data can easily be converted into another data format.



You are allowed to use the unregistered Shareware version of **HM XColdo** free within a **30 day trial period**.

During this trial period **HM XColdo** offers you full functionality, so that you can test the program thoroughly under real conditions.

How to **register the Shareware version** see [Order Information](#).



Registered and licensed users will get technical support directly from the Author of **HM XColdo**:

Dipl.-Ing. Martin Haller
Software-Engineering & EDV-Beratung
Langkampfner Strasse 19
A-6330 Kufstein / Austria
support@hmse.cjb.net
<http://hmse.cjb.net>

How to **register the shareware version** see [Order Information](#).

To report suggestions, modification requests and errors fill in the [feedback form](#) and send it to the above email address.
Thank you.



Overview

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Main Installation

To install **HM XColdo** you should follow these steps:

1. Download the self-extracting installation package (exe file) to a temporary folder of your choice.
2. If you are using Windows NT/2000/XP/2003/Vista/7 or later, make sure you are logged in as a user with **administrative privileges**.
3. Run the self-extracting **HM XColdo** installation package (exe file) and follow the installation instructions displayed.
Note: If you have a previous version of **HM XColdo** installed on your computer, you need not uninstall the previous version before. The setup program detects an existing installation and let you choose whether to update the older version or to perform a completely new installation.
4. Next, read carefully the file *readme.htm*. It may contain further installation instructions. Moreover, there you will find the requirements for running the current program version. *Readme.htm* contains a complete list of all files and folders installed on your computer by the setup.

The main installation copies all required files of **HM XColdo** onto your computer accessible for all users, and creates the user-own configuration data, program symbols and shortcuts for the administrator user account.

Notes:

- **HM XColdo** has a multi-lingual user interface. During main installation you have to install all language packages (as long as available) you will need for **all** users of your computer. In particular this applies to computers which are setup with multiple Windows user accounts with different languages.
At the [Product Homepage](#) of the application you may find additional language packages for downloading.
- How to **register the Shareware version** see [Order Information](#).

Installation for Additional Users

If you have created multiple user accounts on your computer, e.g. a restricted user account, you have to run once again the installation package under each additional user account, which should be able to use **HM XColdo**, to create the user-own configuration data, program symbols and shortcuts for this user:

1. If you are using Windows NT/2000/XP/2003/Vista/7 or later, log in under that user account, the user-own installation should be performed for, e.g. a restricted user account.
2. Run the self-extracting **HM XColdo** installation package (exe file) and follow the installation instructions displayed.
ATTENTION: Windows possibly displays a dialog box you can use to log on as a user with administrative privileges for running the installation program. Don't do this but choose the option in this dialog box which will run the installation program under that user account you are already logged on.
3. The installation program self-recognizes that it is a user-specific installation and displays the program maintenance wizard form. Choose the option **Install (user 'xxx' only)** and start the installation with OK.

Note: Only those program symbols and shortcuts are created the administrator has selected at the main installation.



Repair installation

The installation program of **HM XColdo** provides a simple **repair feature**. If you have erroneously deleted files, program symbols or shortcuts of **HM XColdo** you can reinstall the missing parts as follows:

Missing files

1. Under Windows NT/2000/XP/2003/Vista/7 or later log in as user with **administrative privileges**.
2. Run the self-extracting installation package (exe file) of **HM XColdo**.
3. The installation program self-recognizes that it is a maintenance installation and displays the program maintenance wizard form. Choose the option **'Repair (all users)'** and start the installation with *Next*.
4. On the wizard form **'Select Components'** the components already installed are pre-selected. Leave the selection unchanged and click *Next* to finish the installation.

Note:

Possibly you may have to repeat the [activation](#) of your user license after a repair installation.

Missing program symbols and shortcuts

In that case just repeat the user-own installation for the user account concerned as described in [installation](#), chapter *'Installation for Additional Users'*. The same applies to the addition of program symbols and shortcuts for additionally installed components.

Installation of additional components

Normally, on [main installation](#) of **HM XColdo** you install right from the start all optional components needed (e.g. language packs, browser extensions). Nevertheless it may happen that you have to install an optional component additionally, for instance, because you have installed a new Web browser onto your system and now need the appropriate **HM XColdo** browser extension.

To **install additionally** an optional **HM XColdo** component follow these steps:

1. Perform a **repair installation** as described above in chapter *'Repair installation'*.
2. On the wizard form **'Select Components'** choose the installation type *'Custom installation'* and select additionally those components you want to install. Leave the check state of all other components unchanged. Then follow the installation instructions displayed to finish the installation.

Note:

This way you can separately install additional components, but you can't separately uninstall components already installed.

Uninstallation of additional components

The installation program of **HM XColdo** can't uninstall optional components (e.g. language packs, browser extensions) separately but only together with the **HM XColdo** application. However, you may [uninstall particular browser extensions manually](#).



Main uninstallation

To **uninstall HM XColdo** you should follow these steps:

1. Under Windows NT/2000/XP/Vista/7 and later log in as user with **administrative privileges**.
2. Open Windows *Control Panel* and then the icon *Programs and Features* (aka *Software* in earlier Windows versions).
3. In the list of *Installed Programs* select the item **HM XColdo** and click the button *Uninstall* (aka button *Remove* in earlier Windows versions).

Assumed that uninstallation with Windows Control Panel is impossible, you can launch the uninstall program

C:\Documents and Settings\All Users\Application Data\HMSE\HM XColdo\Setup\Unins000.exe

straight from the Windows Explorer by double clicking.

Uninstallation for additional users

If you have installed **HM XColdo** for additional users, uninstall the user-own configuration data, program symbols and shortcuts of **HM XColdo** for each user as follows:

1. Under Windows NT/2000/XP/Vista/7 and later log in under that user account the user-own uninstallation should be performed for, e.g. a restricted user account.
2. Open the **HM XColdo** program group via the Windows Start menu and then click the menu icon '**Remove HM XColdo**'.

Manual Uninstallation



A manual uninstallation is not recommended. Perform a manual uninstallation only if the uninstall methods described above are impossible or have failed. Incorrect modifications of the Windows system registry may cause your system unstable.

To **uninstall HM XColdo manually** you should follow these steps:

1. If you are using Windows NT/2000/XP/Vista/7 or later, log in as a user with **administrative privileges**.
2. Delete all files from the home directory of **HM XColdo**, usually the folder
C:\Program Files\HM XColdo
3. Delete the following folder and all files in it:
C:\Documents and Settings\All Users\Application Data\HMSE\HM XColdo
4. In the Windows registry delete the following keys:
HKEY_LOCAL_MACHINE\Software\Dipl.-Ing. Martin Haller, Software-Engineering & EDV-Beratung\HM XColdo
HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\Uninstall\HMSE_HMXColdo_is1
HKEY_LOCAL_MACHINE\Software\Microsoft\Internet Explorer\Low Rights\ElevationPolicy\{B37CDF4A-4BEC-47A9-9D9E-2535A5DB06B6}

Then perform the following steps once as administrator and once under each additional user account **HM XColdo** was installed to:

1. Log in under this user account.
2. Delete the program group of **HM XColdo** from the Windows Start menu as well as the shortcuts on the Windows desktop and the Windows Quick Launch bar (if existing).
3. Delete the following folder and all files in it:
C:\Documents and Settings\<user>\Local Settings\Application Data\HMSE\HM XColdo
4. In the Windows registry delete the following keys:
HKEY_CURRENT_USER\Software\Dipl.-Ing. Martin Haller, Software-Engineering & EDV-Beratung\HM XColdo
HKEY_CURRENT_USER\Software\Microsoft\Internet Explorer\MenuExt\HM &XColdo...

Manual Uninstallation of particular browser extensions

HM XColdo Browser Extension for Microsoft Internet Explorer

To uninstall this component manually for a particular user account you should follow these steps:

1. Log in under this user account.
2. In the Windows registry delete the following key:
HKEY_CURRENT_USER\Software\Microsoft\Internet Explorer\MenuExt\HM &XColdo...

HM XColdo Browser Extension for Mozilla Firefox

HM XColdo Fx 1.0.0.1 and later:

Note: This browser extension is installed separately for each user account. Hence, you have to uninstall it separately on each user account too.

To uninstall this component manually for a particular user account you should follow these steps:

1. Log in under this user account.
2. Run Firefox as usual. Administrative privileges are not required.

3. In Firefox open the Add-on manager with the menu command 'Tools » Add-ons'.
4. In the Add-on manager click the extension **HM XColdo Fx** and then the associated button 'Remove' or 'Uninstall'.

HM XColdo Fx 1.0.0.0 and earlier:

Note: This browser extension is installed common to all user accounts of your computer. Hence, you can't uninstall it for a particular user account only.

To uninstall this component manually for all user accounts together you should follow these steps:

1. Under Windows NT/2000/XP/Vista/7 and later log in as user with **administrative privileges**.
2. Run Firefox with **administrative privileges**. Under Windows Vista and later you have to right click the Firefox program shortcut thereto and then in the context menu displayed select the menu command 'Run as administrator'.
3. In Firefox open the Add-on manager with the menu command 'Tools » Add-ons'.
4. In the Add-on manager click the extension **HM XColdo Fx** and then the associated button 'Remove' or 'Uninstall'.

Note: If button 'Remove' or 'Uninstall' in the Add-on manager is deactivated, you have not launched Firefox with administrative privileges.



With this tutorial you will learn by means of a concrete example how to create, edit and restructure a 'HM Collection' document, quickly and easily, using **HM XColdo** straight in your Web browser. When using **HM XColdo** you will need neither XML nor HTML skills for it.

Before you start with the first lesson, please read absolutely the [description of a 'HM Collection' document](#) to get to know the technical terms frequently used in this tutorial.

As **example** of this tutorial we will create a **list of chat buddies**. A data item of this data collection describes a single chat buddy by chat address, nickname, image, e-mail address, etc. We start with a simple list of few chat buddies, add further persons and organize the enlarged list (yet without table of contents) to a structured document by assorting the chat buddies to chat groups. Moreover, the structured document will contain a self-generated table of contents.

The approach described in this example corresponds with the natural procedure for assembling a data collection. However, this approach is not mandatory. Of course, you may enter an indented structuring of the data collection right from the start and associate the data items accordingly.



Tip: If you would not only read through the tutorial but also want to perform the lessons in practice, click best [here](#) to open the tutorial in a separate stand-alone help window which always stays on top of all other windows. So you need not reopen the help window after each step. To return to the normal help window thereafter click [here](#).

Lessons

1. [Starting HM XColdo](#)
2. [Creating a new 'HM Collection' document](#)
3. [Opening and displaying a 'HM Collection' document](#)
4. [Entering item data](#)
5. [Entering item properties](#)
6. [Structuring the collection](#)
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Starting HM XColdo

'HM Collection' documents are created and edited with the **XML Document Wizard** of **HM XColdo**. To open this wizard you have to launch **HM XColdo** via the context menu of your Web browser. To that, follow these instructions:

1. Run your Web browser which you have installed the **HM XColdo** browser extension (e.g. Internet Explorer, Firefox) for.
2. In the Web browser load the blank page ('about:blank') or any other Web address. Usually you just can leave the default start page of your Web browser. Or open the XML file of the 'HM Collection' document you want to edit.
3. Click with the right mouse button somewhere in the browser window to display the browser context menu.
4. From the browser context menu select the menu command 'HM XColdo...'.

This menu command launches **HM XColdo** and opens the XML Document Wizard which parses the document displayed in the Web browser and offers suitable contextual tasks on its [initial wizard page](#).

In the [next lesson](#) you will learn how to create a new 'HM Collection' document using the XML Document Wizard.

Note:

The only way to start the XML Document Wizard is via the browser context menu. If you launch **HM XColdo** directly from the 'All Programs' entry in the Windows Start menu, the main window of **HM XColdo** is opened which, in this program version, you can use only for modifying the program settings and activating your user license.



Creating a new 'HM Collection' document

If you have followed the steps of the [previous lesson](#) accurately you are seeing now backdrop your Web browser with a blank Web page and in foreground the XML Document Wizard of **HM XColdo** displaying the initial wizard page 'Select the task you want to perform'.

To create a new 'HM Collection' document follow these instructions:

1. Select the task 'Create New Collection' by clicking with the mouse or by using the arrow keys of the keyboard.
2. Then click the button 'Next'.

Now the XML Document Wizard is displaying the **first data input page for the new collection**. For a detailed description of the dialog elements of this wizard page see chapter 'Collection - Input Page 1 / 2'.

3. In the input field 'Caption' enter the following text as main caption of the document: My Chat Buddies
4. Leave the other input fields blank and click the button 'Next'.

Now the XML Document Wizard is displaying the **second data input page for the new collection** which you can use to configure the document structure of the data collection. For a detailed description of the dialog elements of this wizard page see chapter 'Collection - Input Page 2 / 2'.

As we start our example with a very small list of chat buddies we need no hierarchical document structure and no table of contents at the beginning. Therefore enter the following configuration:

5. Within the fieldset 'Document Structuring' leave the default values unmodified so that only the structuring level 'Items' is checked, with the default short description 'Item', the default numbering '1.' and without indent ('0em').
6. Within the fieldset 'Table Of Contents' enter the value '0' to the input field 'Level Depths' so that a table of contents will not be generated.
7. Then click the button 'Finish'.

Thereupon the XML Document Wizard shows the dialog window 'Save As' in which you have to specify the location and filename for storing the new 'HM Collection' XML file. For our example with the chat buddy list enter the following data:

8. As **storage location** select the folder 'My Documents' which usually is already preset.
9. In the input field 'Filename' enter the filename 'My chat buddies.xml'.
10. Then click the button 'Save'.

The XML Document Wizard is closed now. **HM XColdo** has saved the new document to the file specified and triggered the Web browser to open and display the new file. The Web browser now shows a blank document with caption 'My Chat Buddies'.

Note: Depending on your Web browser, its version and configuration the new file may not be displayed in the browser window you have started from but in a new Web browser window instead. To display the new browser window in foreground just click it in the Windows task bar at the bottom of the screen.

The [next lesson](#) describes how to open and display a 'HM Collection' document in the Web browser. As our example with the chat buddy list is already displayed in the Web browser you may skip this lesson and continue right with the next but one lesson 'Entering item data (chat buddies)'.



Opening and displaying a 'HM Collection' document

If you have followed the steps of the [previous lesson](#) accurately you are seeing now in your Web browser the 'HM Collection' exercise document with the caption 'My Chat Buddies' newly created in the previous lesson. The Web browser has opened and displayed the XML file automatically. You don't have to open the file once again and may continue right with the next lesson '[Entering item data \(chat buddies\)](#)'.

If your Web browser does not display this document because, for instance, you have broken off the tutorial after the end of the previous lesson and would like to continue now or because you have exited your Web browser intermediately, you have to open the exercise file in your Web browser first, before you can start the following lessons. In the previous lesson you have saved the exercise file to the folder 'My Documents' with the filename 'My chat buddies.xml'. Open this exercise file now as described by the following instructions.

There are several ways to open and display a 'HM Collection' document in the Web browser.

Open a 'HM Collection' document from within the Windows Explorer

If you have already opened the Windows Explorer locate in it the XML file to open. Then double click the filename of the XML file or open it via the file context menu which you can display by a right mouse click on the filename.

Your favoured Web browser is launched automatically and the selected XML file is opened and displayed.

Open a 'HM Collection' document from within the Web browser

If you have already opened the Web browser choose the menu command '**File » Open**' and locate the XML file to open using the 'Open' dialog window. Perhaps in the Internet Explorer dialog window you still have to click the button '**Browse**' for it.

Alternatively you may open the most recently used 'HM Collection' documents, quickly and easily, using the XML Document Wizard of **HM XColdo**. To that, follow these instructions:

1. Click with the right mouse button somewhere in the browser window to display the browser context menu.
2. From the browser context menu select the menu command 'HM XColdo...' to open the XML Document Wizard.
3. The section 'Open Document' of the [initial wizard page](#) lists the four most recently used 'HM Collection' documents. If the XML file to open is in this list, select it with the mouse or the arrow keys on the keyboard and then click the button '**Next**'. The selected document will automatically be opened and displayed in the Web browser.



Entering item data

If you have followed the steps of [lesson 2](#) accurately you are seeing now in your Web browser the 'HM Collection' exercise document with the caption 'My Chat Buddies' newly created in lesson 2. If this document is not displayed in your Web browser open it as described in [lesson 3](#) before you start this lesson.

The first exercise of this lesson is to enter a new chat buddy 'Donald'.

Entering a new item

To enter a new item (chat buddy):

1. Click with the right mouse button somewhere in the browser window to display the browser context menu. Thereby right click best the higher-level text section which the data item should be added to. In our exercise example that is the text section of the data collection itself which is the document caption displayed at the beginning of the document.
2. From the browser context menu select the menu command 'HM XColdo...' to open the XML Document Wizard.
3. The XML Document shows the [initial wizard page](#) with its section 'Current Document' listing all tasks relevant for the text section clicked. Select the task 'Insert New Item'.

Note: If this task is not displayed in the task list, select the option 'Other Tasks' which lists all tasks currently available for this document, thereunder the task 'Insert New Item' too.

4. Then click the button 'Next'.

Now the XML Document Wizard is displaying the **wizard page for selecting the insertion position** of the new item. For a detailed description of the dialog elements of this wizard page see chapter '[Element Selection](#)'.

5. In the select field 'Insert NEW Item Before' select that item which the new item should be inserted **before**. If you want to insert the new item as last item, select the insertion position '<insert at the end>'. When entering the very first item that is the only select option.

Note: In our exercise example the select field 'Insert NEW Item Before' is the only select field in this wizard page because we have selected the 'Items' structuring level only when configuring the collection in [lesson 2](#). If a collection contains several structuring levels, this wizard page will accordingly show several select fields too, one select field for each activated structuring level. To be able to select the insertion position of the new item in such a case, you have to set appropriate the select fields of the superordinated structuring levels first.

6. Then click the button 'Next'.

Now the XML Document Wizard is displaying the **first data input page for the new item**. For a detailed description of the dialog elements of this wizard page see chapter '[Item - Input Page 1 / 2](#)'.

7. In input field 'Caption' enter a unique title for the item. In our exercise example we use the chat name (nickname) for it: Donald
8. Let the optional input field 'Description' blank. You might enter an arbitrary formattable legend for the chat buddy here.
9. In the input section 'Layout of the item properties' you have to reflect on the layout which the properties of the item (which means the special attributes of the chat buddy) should be displayed with. As a collection usually always contains similar items it is advisable to apply the same layout to all items of a document. However that's not mandatory.

In the exercise example select for all items the following properties layout: Grid Table, displayed with full width, a colon appended to the property name.

10. Then click the button 'Next'.

Now the XML Document Wizard is displaying the **second data input page for the new item** in which you can enter the properties of the item. For the instructions to it see the [next lesson](#). Now in our exercise lesson we do not enter the properties of chat buddy 'Donald' yet but finish the data entry of the new item immediately to let the data entered so far display in the document.

11. To that click the button 'Finish'.

The XML Document Wizard is closed now. **HM XColdo** has saved the new data to the XML file and triggered the Web browser to refresh the view of the file. The Web browser now shows the chat buddy document with the caption 'My Chat Buddies' followed by the structuring caption '1. Donald' with a light gray background. The structuring caption was numbered automatically.

As next exercise of this lesson we will edit the data of chat buddy 'Donald'.

Editing an item displayed

To edit an existing item (chat buddy):

1. In the browser window click with the right mouse button somewhere in the text section of the item you want to edit to display the browser context menu. Therefore, in our exercise lesson right click the text 'Donald' now to edit the data of this chat buddy.
2. From the browser context menu select the menu command 'HM XColdo...' to open the XML Document Wizard.
3. The XML Document shows the [initial wizard page](#) with its section 'Current Document' listing all tasks relevant for

the text section clicked. Select the task '**Edit item "Donald"**'.

4. Then click the button '**Next**'.

Now the XML Document Wizard is displaying the **first data input page for the item**. The onward procedure of the data entry is analogical to the entering of a new item (as described above).

5. In our exercise example enter the following modifications:

- Modify the '**Caption**' from 'Donald' to 'Nickname: Donald'.
- As '**Description**' enter the formatted text 'Arrange a **meeting** on the next chat!' (see Help on dialog '[Description Editor](#)').

6. Click the button '**Next**' and then on the second data input page for the item click the button '**Finish**'.

The XML Document Wizard is closed now. The modifications were saved to the XML file and displayed in the Web browser.

In the [next lesson](#) you will learn how to enter the properties of an item.



Entering item properties

If you have followed the steps of the [previous lesson](#) accurately you are seeing now in your Web browser the 'HM Collection' exercise document, created in the lessons so far, with the caption 'My Chat Buddies' followed by the structuring caption of the first chat buddy '1. Nickname: Donald' and its description. If this document is not displayed in your Web browser open it as described in [lesson 3](#) before you start this lesson.

The properties of an item are entered in the **second data input page for items**. For a detailed description of the dialog elements of this wizard page see chapter '[Item - Input Page 2 / 2](#)'.

In this lesson you will learn how to add new properties to an item and how to edit existing properties. In our exercise example we will edit now the properties of the item chat buddy 'Donald'. To that, first you have to open this item in the XML Document Wizard for editing, as described in lesson 4 in section '[Editing an item displayed](#)' (steps 1 to 4), and then you still have to go to the second data input page for items by clicking the button '**Next**' on the first data input page for items.

Entering a new property

The select field '**Property**' in the upper area of the second data input page for items contains a list with all properties of the current item. This list is empty if no properties have entered yet. Now we enter a new property containing the Web link to the chat room where chat buddy 'Donald' is coming across.

To enter a new property:

1. Click the button '**New**' to open the dialog window 'NEW Property - Property Type Selection' in which you can determine the type of the new property.
2. In the [dialog window 'NEW Property - Property Type Selection'](#) select the option 'Link' in the field '**Property Type**' and then click the button '**OK**'.
3. Now the [dialog window 'NEW Property - Enter Data'](#) is displayed in which you can enter the data of the new item. For the new Link property in our exercise example enter now into the input field '**Property Name**' the text 'Chat room', into the input field '**Web Address**' the URL 'http://www.superchat.com' and into the input field '**Link Text**' the display text 'www.superchat.com'. Then click the button '**OK**'.

The property 'Chat room' is displayed in the XML Document Wizard now but is not saved to the XML document yet.

Next repeat the steps above and enter the following new properties:

- Property type 'Value', property name 'Time' and as property value the value text 'mostly from 08:00pm till 10:00pm'.
- Property type 'Image', property name 'Picture', image file 'C:\Temp\image.gif', image width '50', image height '50'.
Note: In the exercise example you can enter as image file either the invalid file path suggested, then, instead of the image just a blank image area is displayed, or the file path of an existing image file on your computer to display this image file exemplarily as the picture.
- Property type 'Link', property name 'e-mail', Web address 'mailto:donald@entenhausen.com', link text 'donald@entenhausen.com'.

After entering all properties above you still have to save your modifications.

4. To that, click the button '**Finish**' of the wizard page.

The XML Document Wizard is closed now. The modifications were saved to the XML file and displayed in the Web browser.

Editing an existing property

The procedure to edit an already existing property is analogical to the entering of a new property (see above) with the only difference that on the **second data input page for items** you have to use the button 'Edit' instead of the button 'New' to open the [dialog window 'Property - Enter Data'](#).

Now modify in our exercise example the text of the online time of chat buddy 'Donald' from 'mostly from 08:00pm till 10:00pm' to 'mostly from 08:00pm till 11:00pm'.

Additional Exercises

Before you continue with the [next lesson](#) repeat the lessons 4 till 5 and enter the following additional chat buddies (nicknames in this order): 'Dagobert', 'Tick', 'Trick' and 'Track'.



Structuring the collection

If you have followed the steps of the [previous lesson](#) accurately you are seeing now in your Web browser the 'HM Collection' exercise document, created in the lessons so far, with the caption 'My Chat Buddies' followed by a list with chat buddies, entered so far, 'Donald', 'Dagobert', 'Tick', 'Trick' and 'Track'. If this document is not displayed in your Web browser open it as described in [lesson 3](#) before you start this lesson.

So far our exercise document contains a simple list of data items, their captions displayed as structuring captions sequentially numbered, which is a flat one-dimensional document structure. In the first exercise of this lesson you will learn how to work up optically this document structure by indenting the text bodies of the 'Items' structuring level.

Indenting the text body of a structuring level

To indent the text body of a structuring level:

1. Click with the right mouse button somewhere in the browser window to display the browser context menu. Thereby right click best the text section of the collection itself instead of the text section of an item. So, in our exercise example right click the document caption displayed at the beginning of the document.
2. From the browser context menu select the menu command 'HM XColdo...' to open the XML Document Wizard.
3. The XML Document Wizard shows the [initial wizard page](#) with its section 'Current Document' listing all tasks relevant for the text section clicked. Select the task 'Edit Collection (Configuration)'.

Note: If you did not right click in step 1 the text section of the collection but the text section of an item instead, this task is not listed on the initial wizard page. In such a case select the option 'Other Tasks' which lists all tasks currently available for this document, thereunder the task 'Edit Collection (Configuration)' too.

4. Then click the button 'Next'.

Now the XML Document Wizard is displaying the **first data input page for the collection**. Leave all input fields of this wizard page unmodified and

5. click the button 'Next'.

Now the XML Document Wizard is displaying the **second data input page for the collection** which you can use to configure the document structure of the data collection. For a detailed description of the dialog elements of this wizard page see chapter '[Collection - Input Page 2 / 2](#)'.

6. Now enter the value '1.6em' into the input field 'Indent' in the line with the structuring level 'Items' within the fieldset 'Document Structuring'.
7. Then click the button 'Finish'.

The XML Document Wizard is closed now. The modifications were saved to the XML file and displayed in the Web browser. The text bodies of all data items were shifted to the right by the value entered.

Adding further structuring levels

In a document with a greater count of data items it is a good idea to group the items based on certain criteria to improve this way the clear arrangement of the document by a hierarchical structuring. 'HM Collection' documents offer you, in addition to the 'Items' structuring level, another two optional structuring levels, the 'Subgroups' and 'Groups' structuring levels. It is recommended, however not mandatory, to use the structuring levels in the order 'Items', 'Subgroups' and 'Groups'. If you need only two structuring levels altogether in a smaller document, it doesn't matter in principle, if you use the 'Subgroups' or the 'Groups' structuring level in addition to the 'Items' structuring level. These two structuring levels differ only in a small feature, a page break is inserted before each 'Group' structuring caption.

In the following exercise we will add another structuring level (chat groups) to the exercise document:

1. Open the **second data input page for the collection**, as described in the above section 'Indenting the text body of a structuring level' (steps 1 to 5).
2. Within the fieldset 'Document Structuring' check the check box of the 'Subgroups' structuring level and in the same line enter into the input field 'Short Description' the value 'Subgroup', into the input field 'Numbering' the value '1.' and into the input field 'Indent' the value '0em'.
3. Then click the button 'Finish'.

The XML Document Wizard is closed now. The modifications were saved to the XML file and displayed in the Web browser. Now the document contains the new structuring caption '1. NEW Subgroup 1' (with light gray background) which was generated and inserted automatically. All previously existing structuring captions 'Nickname: ...' were decremented one structuring level which is expressed by a two-figure numbering and another formatting (no gray background).

In the [next lesson](#) we will edit the structuring caption of the new subgroup, insert a further subgroup and portion the items to the two subgroups.



Grouping and moving items

If you have done correctly the steps of the [previous lesson](#) you are seeing now in your Web browser the 'HM Collection' exercise document, created in the lessons so far, with the caption 'My Chat Buddies', under it the structuring caption '1. NEW subgroup 1' followed by a list with the chat buddies entered so far, 'Donald', 'Dagobert', 'Tick', 'Trick' and 'Track'. If this document is not displayed in your Web browser open it as described in [lesson 3](#) before you start this lesson.

As first exercise of this lesson we will edit the automatically generated subgroup '1. NEW Subgroup 1' now.

Editing a group or subgroup

To edit a group or subgroup:

1. Click with the right mouse button somewhere in the browser window to display the browser context menu. Thereby do not right click the text section of an item but instead right click best the text section of the group or subgroup you want to edit. So, in our exercise example right click the structuring caption displayed of the subgroup '1. NEW Subgroup 1'.
2. From the browser context menu select the menu command 'HM XColdo...' to open the XML Document Wizard.
3. The XML Document Wizard shows the [initial wizard page](#) with its section 'Current Document' listing all tasks relevant for the text section clicked. Select the task 'Edit subgroup "NEW Subgroup 1"'.
Note: If you did not right click in step 1 the text section of the subgroup but the text section of an item instead, this task is not listed on the initial wizard page. In such a case select the option 'Other Tasks' which lists all tasks currently available for this document, thereunder the task 'Edit subgroup' too.
4. Then click the button 'Next'.

Now the XML Document Wizard is displaying the **data input page for subgroups** in which you may enter the caption and description of the subgroup. For a detailed description of the dialog elements of this wizard page see chapter ['Subgroup - Input Page 1 / 1'](#). The procedure for groups is the same. For the detailed description of the dialog elements of the **data input page for groups** see chapter ['Group - Input Page 1 / 1'](#).

5. For the subgroup in our exercise example please enter the following modifications now:
 - o Modify the 'Caption' from 'NEW Subgroup 1' to 'My Friends'.
 - o As 'Description' enter the formatted text 'My Friends contain chat buddies I know **personally.**' (to that see Help on dialog ['Description Editor'](#)).
6. Then click the button 'Finish'.

The XML Document Wizard is closed now. The modifications were saved to the XML file and displayed in the Web browser.

In the next exercise we will add a further subgroup 'Other Chat Buddies' to the document.

Entering a new group or subgroup

To enter a new group or subgroup:

1. Click with the right mouse button somewhere in the browser window to display the browser context menu. Thereby right click best the higher-level text section which the new group or subgroup should be added to. In our exercise example that is the text section of the data collection itself which is the document caption displayed at the beginning of the document or the blank text area at the end of the document.
2. From the browser context menu select the menu command 'HM XColdo...' to open the XML Document Wizard.
3. The XML Document Wizard shows the [initial wizard page](#) with its section 'Current Document' listing all tasks relevant for the text section clicked. Select the task 'Insert New Subgroup'.
Note: If you did not right click in step 1 the text section of the collection itself, this task is not listed on the initial wizard page. In such a case select the option 'Other Tasks' which lists all tasks currently available for this document, thereunder the task 'Insert New Subgroup' too.
4. Then click the button 'Next'.

Now the XML Document Wizard is displaying the **wizard page for selecting the insertion position** for the new group or subgroup. For a detailed description of the dialog elements of this wizard page see chapter ['Element Selection'](#).

5. In the select field 'Insert NEW Subgroup Before' select that subgroup which the new subgroup should be inserted **before**. If you want to insert the new subgroup as last item, select the insertion position '<insert at the end>'. When entering the very first subgroup that is the only select option. In our exercise example select the insertion position '<insert at the end>'.
Note: In our exercise example the select field 'Insert NEW Subgroup Before' is the only select field in this wizard page because we did not activate a superordinated structuring level when configuring the collection in [lesson 2](#). If a collection contains several structuring levels, this wizard page will accordingly show several select fields too, one select field for each activated structuring level. To be able to select the insertion position of the new subgroup in such a case, you have to set appropriate the select fields of the superordinated structuring levels first.
6. Then click the button 'Next'.

Now the XML Document Wizard is displaying the **data input page for subgroups** in which you may enter the caption and description of the new subgroup. For a detailed description of the dialog elements of this wizard page see chapter ['Subgroup - Input Page 1 / 1'](#). The procedure for groups is the same. For the detailed description of the dialog elements

of the **data input page for groups** see chapter '[Group - Input Page 1 / 1](#)'.

7. For the new subgroup (chat group) in our exercise example please enter the following data now:
 - o In the input field '**Caption**' enter the unique name of the subgroup: 'Other Chat Buddies'
 - o As '**Description**' enter the formatted text 'That are interesting interlocutors I don't know personally however.' (to that see Help on dialog '[Description Editor](#)').
8. Then click the button '**Finish**'.

The XML Document Wizard is closed now. The modifications were saved to the XML file and displayed in the Web browser. The structuring caption of the new chat group was added at the end of the document.

Our exercise document now contains two chat groups. The first chat group 'My Friends' has assigned all chat buddies entered so far. The second chat group 'Other Chat Buddies' is still empty. In the next exercise of this lesson we will rearrange the assignment of the chat buddies to the chat groups by moving some chat buddies from 'My Friends' to the second chat group.

Moving an item to another group or subgroup

To move an item:

1. In the browser window click with the right mouse button somewhere in the text section of the item you want to move to display the browser context menu. Therefore, in our exercise lesson right click the structuring caption 'Nickname: Tick' now to move the chat buddy 'Tick'.
2. From the browser context menu select the menu command 'HM XColdo...' to open the XML Document Wizard.
3. The XML Document Wizard shows the [initial wizard page](#) with its section 'Current Document' listing all tasks relevant for the text section clicked. Select the task 'Move item "Nickname: Tick"'.
4. Then click the button '**Next**'.

Now the XML Document Wizard is displaying the **wizard page for selecting the insertion position** for the item to move.

5. In the select field '**Select Subgroup**' select those subgroup you want the clicked item move to. In our exercise example select the subgroup 'Other Chat Buddies'.
In the select field '**New Position of Subgroup Is Before**' select those item of the subgroup 'Other Chat Buddies', the item to move should be inserted **before**. If you want to insert the item to move as last item of this subgroup, select the insertion position '<insert at the end>'. In our exercise example this is the sole option because the target subgroup 'Other Chat Buddies' is still empty.
6. Click the button '**Finish**'.

The XML Document Wizard is closed now. The modifications were saved to the XML file and displayed in the Web browser. Chat buddy 'Tick' is listed now in the chat group 'Other Chat Buddies'.

As additional exercise move also the chat buddies 'Trick' and 'Track' to the chat group 'Other Chat Buddies'.

In the next and at the same time [last lesson](#) of this tutorial we will add a table of contents to our exercise document.



Creating a self-generated table of contents

If you have done correctly the steps of the [previous lesson](#) you are now seeing in your Web browser the 'HM Collection' exercise document, created in the lessons so far, with the caption 'My Chat Buddies' followed by two chat groups with the structuring captions 'My Friends' and 'Other Chat Buddies'. The chat group 'My Friends' contains the chat buddies 'Donald' and 'Dagobert'. The chat group 'Other Chat Buddies' contains the chat buddies 'Tick', 'Trick' and 'Track'. If this document is not displayed in your Web browser open it as described in [lesson 3](#) before you start this lesson.

In this lesson we will add a table of contents to the exercise document and configure it.

Bringing to generate a table of contents

To add a self-generated table of contents to a 'HM Collection' document:

1. Click with the right mouse button somewhere in the browser window to display the browser context menu. Thereby click best the text section of the collection itself instead of the text section of a structuring element or a data item. So, in our exercise example click the document caption displayed.
2. From the browser context menu select the menu command 'HM XColdo...' to open the XML Document Wizard.
3. The XML Document Wizard shows the [initial wizard page](#) with its section 'Current Document' listing all tasks relevant for the text section clicked. Select the task 'Edit Collection (Configuration)'.
Note: If you did not click in step 1 the text section of the collection but the text section of an item instead, this task is not listed on the initial wizard page. In such a case select the option 'Other Tasks' which lists all tasks currently available for this document, thereunder the task 'Edit Collection (Configuration)' too.
4. Then click the button 'Next'.

Now the XML Document Wizard is displaying the **first data input page for the collection**. Leave all input fields of this wizard page unmodified and

5. click the button 'Next'.

Now the XML Document Wizard is displaying the **second data input page for the collection** which you can use to configure the table of contents of a data collection. For a detailed description of the dialog elements of this wizard page see chapter [Collection - Input Page 2 / 2](#).

6. Now within the fieldset 'Table Of Contents' enter into the input field 'Caption' the text 'Table of contents' and into the input field 'Level Depths' the value '2' because our exercise document has two structuring levels and we want to pick up the structuring captions of both structuring levels for the table of contents.
7. Click the button 'Finish'.

The XML Document Wizard is closed now. The modifications were saved to the XML file and displayed in the Web browser. Now a table of contents is displayed straight below the document caption, consisting of the structuring captions of the document in form of hyperlinks (jump references to the structuring captions).

In the following exercise of this lesson we will improve the layout of the table of contents by indenting the captions within the table of contents differently depending on their structuring level.

Configuring the table of contents

To configure the table of contents of a 'HM Collection' document:

1. Open the **second data input page for the collection**, as described in the above section 'Bringing to generate a table of contents' (steps 1 to 5).
2. In our exercise example enter now within the fieldset 'Table Of Contents' in the line 'Indent captions at the left side by' into the input field for 'Subgroups' the value '1em' and into the input field for 'Items' the value '1.2em'.
3. Click the button 'Finish'.

The XML Document Wizard is closed now. The modifications were saved to the XML file and displayed in the Web browser. Now within the table of contents the structuring captions of the first structuring level (subgroups) are indented by a spacing of 1em from the left text border. The structuring captions of the second structuring level (items) are indented additionally by a spacing of 1.2em.

This lesson ends the [tutorial](#). You have learned how to open and display 'HM Collection' documents in your Web browser and how to create and edit 'HM Collection' documents right from within your Web browser using [HM XColdo](#).



Overview

- [XML Document Wizard](#)
- [Main Window](#)
 - [System Menu](#)
- ['Options' Dialog](#)
 - [Tab Page 'General'](#)
 - [Tab Page 'HTML Layout'](#)
- ['About' Dialog](#)
- ['License Activation' Dialog](#)
- [Shortcuts of HM XColdo](#)
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The **XML Document Wizard** is the most often used dialog window of **HM XColdo**. This wizard is used to create and edit 'HM Collection' documents.

The dialog window is divided into three areas: The *head area* (white background) shows the title of the wizard page currently displayed. The middle *working area* shows the dialog elements of the current wizard page. The *foot area* contains the tool bar with the buttons to control the wizard.

Instructions

On every call of the XML Document Wizard you can perform at most one task. On the initial wizard page select the task you want to perform. Then the XML Document Wizard will display subsequent wizard pages suitable for the select task to collect the input needed to perform the task. Finally, if you click the button 'Finish' on the last wizard page, the task will be performed and the XML Document Wizard will be closed.

Using the buttons 'Next' and 'Back' you may turn over arbitrarily to the next and previous wizard pages. But please note, if you go back from a data input page to a task selection page the data you have entered so far are rejected. After that, you may select another task or restart the same task once again.

Dialog Elements

The middle working area of the dialog window shows different dialog elements according to the wizard page currently displayed.

To enter data into an **input field**:

- Using the mouse:
Click the left mouse button within an input field and just enter the new value. Then click the next input field, etc.
- Using the keyboard:
If necessary, first position the input focus into the corresponding input field by pressing the tabulator key ('Tab' or 'Shift+Tab') once or repeatedly. Then just enter the new value. Finalize your input by pressing the tabulator key which switches the input focus automatically to the next input field. Do not use the 'Enter' key for that (because it actuates the button 'Next' or 'Finish' in the tool bar of the wizard dialog window).

To select an option of a **select field**:

- Using the mouse:
Click the left mouse button within the select field to open the option list. Then click the option you want. The option list will be closed automatically and the clicked option will be selected.
- Using the keyboard:
If necessary, first position the input focus into the corresponding select field by pressing the tabulator key ('Tab' or 'Shift+Tab') once or repeatedly. Then within the select field open the option list by pressing the shortcut 'Alt+↓' or 'Alt+↑'. Then use the arrow keys '↓' or '↑' to mark the option you want, and finally, press the tabulator key 'Tab' to select the marked option and to close the option list.

To toggle the state of a **check box** (check or uncheck it):

- Using the mouse:
Click the left mouse button within the check box or its associated label text.
- Using the keyboard:
If necessary, first position the input focus into the check box by pressing the tabulator key ('Tab' or 'Shift+Tab') once or repeatedly. Then press the 'Space' key.

Buttons

The button '**Help**' opens the help window with help on the wizard page currently displayed.

The button '**About**' opens the '**About**' dialog which shows the program version as well as the copyright, license and support information. Furthermore, in this dialog window there is a button to open the '**License Activation**' dialog in which you can enter your license information to activate the unregistered shareware version.

The button '**Back**' switches back to the previous wizard page. If the previous wizard page is a task selection page, all data you have entered so far are rejected thereby.

The button '**Next**' switches forward to the next wizard page.

The button '**Finish**' finishes the task you have lastly selected and closes the XML Document Wizard. Your input is applied to the document and saved.

The button '**Cancel**' closes the XML Document Wizard without applying and saving your input.

Invoking

Open the XML Document Wizard with the menu command '**HM XColdo...**' from the context menu of your Web browser which you can display by a right mouse click within the Web browser window.



Use this page of the XML Document Wizard to **select the task you want to perform**.

The wizard page shows different tasks to select depending on the document configuration, the current document content and the text area clicked directly before opening the XML Document Wizard.

Instructions

For general instructions for using the XML Document Wizard, the wizard buttons and the several dialog elements (input fields, select fields, check boxes) see the Help on [XML Document Wizard](#).

To select a task displayed:

1. **Using the mouse:**

Click the left mouse button within the radio button or the label text of the task you want.

Note: Do not click the task icon. Such a mouse click is ignored.

Using the keyboard:

Press the arrow keys of the keyboard. If the input focus is not within the task list, but for instance on a button, you have to press the tabulator key ('Tab' or 'Shift+Tab') once or repeatedly first to position the input focus into the task list.

2. Then click the button **'Next'** or just press the **'Enter'** key.



Use this page of the XML Document Wizard to **select a particular element** within the 'HM Collection' document, for instance to determine the insertion position of a new element.

The wizard page shows different selection possibilities depending on the document configuration, the current document content and the currently selected task. The page can contain from one up to three select fields, for every structuring level activated in the document configuration one select field each.

Instructions

For general instructions for using the XML Document Wizard, the wizard buttons and the several dialog elements (input fields, select fields, check boxes) see the Help on [XML Document Wizard](#).

To select a particular element:

1. Starting with the first (top most) select field select in every displayed select field the appropriate option. Thereby the option list of succeeding select fields is contextually customized.
2. Then click the button '**Next**' or just press the '**Enter**' key.



Use this page of the XML Document Wizard to **enter the data of the collection** of a 'HM Collection' document. It is the first out of two data input pages for the collection. On the [second data input page](#) you may configure the document structure and the table of contents.

As every 'HM Collection' document contains exactly one **collection** the data entered for the collection concern indirectly the whole document. The *caption* and *description* of the collection are displayed as text sections right at the beginning of the document (before the table of contents).

Instructions

To enter the data of a collection:

1. Enter the appropriate data into all dialog elements needed. For general instructions for using the XML Document Wizard, the wizard buttons and the several dialog elements (input fields, select fields, check boxes) see the Help on [XML Document Wizard](#).
2. Then click the button **'Next'** or just press the **'Enter'** key to continue with the [second data input page](#).

Dialog Elements

Input fields denoted with * are optional and can remain blank.

Caption [text]*	Optional main caption of the document. Enter any text here (up to 100 characters).
Description*	Optional document description (foreword, abstract). Any text which may contain paragraph and character formattings. This text is placed immediately after the main caption of the document and before the optional table of contents. To enter or modify the text click the button 'Edit'.
Edit	Use this button to open the 'Description Editor' dialog in which you may enter, modify and format the text of the description of the document.
CSS Stylesheet [URL]*	URL or file path of an user-defined file containing formatting information for the HTML layout of the document. Please note, some browsers (e.g. Firefox) run into problems with a relative URL or file path. Normally you should leave this input field blank. If so, the default formatting of the 'HM Collection' standard display is used to display the document. If you enter just a filename (without file path), this file has to be located in the same folder as the XML file. On the tab page 'HTML Layout' of the 'Options' dialog you may define a default value for this input.
XSLT Stylesheet [URL]*	URL or file path of an user-defined file containing transformation information for the HTML layout of the document. Please note, some browsers (e.g. Firefox) run into problems with a relative URL or file path. Normally you should leave this input field blank. If so, the default transformation of the 'HM Collection' standard display is used to display the document. If you enter just a filename (without file path), this file has to be located in the same folder as the XML file. On the tab page 'HTML Layout' of the 'Options' dialog you may define a default value for this input.



Use this page of the XML Document Wizard to **enter the data of the collection** of a 'HM Collection' document. It is the second out of two data input pages for the collection. The [first data input page](#) is used to enter the caption and the description of the document.

As every 'HM Collection' document contains exactly one **collection** the data entered for the collection concern indirectly the whole document. In this data input page you may define and configure the structure of the document (*structuring levels*) and the optional *table of contents*.

Instructions

To enter the data of a collection:

1. Enter the appropriate data into all dialog elements needed. For general instructions for using the XML Document Wizard, the wizard buttons and the several dialog elements (input fields, select fields, check boxes) see the Help on [XML Document Wizard](#).
2. Then click the button '**Finish**' or press the '**Enter**' key.

Dialog Elements

Input fields denoted with * are optional and can remain blank.

Dialog elements for the field set 'Document Structuring'

Structuring Level	These check boxes (Groups, Subgroups, Items) determine the structuring levels the document should contain. Structuring levels are usefull to structure the document. Usually a 'HM Collection' document will always need the 'Items' structuring level because items are the smallest information unit of a data collection.
Short Description*	Optional short description of the structuring level. This short description is used in the program dialogs only to improve the understandability and does not occur in the document. Enter a term here which describes the meaning of the elements of the structuring level. Enter the term in the singular form. Only letters, digits and the characters '.', '-' and '_' are allowed. No spaces. If you leave this input field blank, the name of the structuring level ('group', 'subgroup', 'item') is used as default.
Numbering*	Optional format specification for the self-generated numbering of the structuring captions of this structuring level. Allowed data are 'none' (no numbering) or a string consisting of '1', '01', 'a', 'A', 'i' or 'I', optionally followed by the character '.' or ')', e.g. 'i)'. The numbering formats have the following meaning: 1 = numbering like 1, 2, 3, 4, ... 01 = numbering like 01, 02, 03, 04, ... 10, 11, ... a = numbering like a, b, c, d, ... A = numbering like A, B, C, D, ... i = numbering like i, ii, iii, iv, ... I = numbering like I, II, III, IV, ... If you leave this input field blank, the default value 'none' (no numbering) is assumed. <u>Note:</u> <ul style="list-style-type: none"> • In each input field enter just the numbering format for that part of the numbering of a structuring caption that concerns the particular structuring level. For example, if you have activated the structuring levels 'Subgroups' and 'Items' and want to number both of them, enter into the 'Subgroups' input field the numbering format for subgroups (e.g. 'I.') and into the 'Items' input field the numbering format for just the 'Items' structuring level (e.g. '1.'). Then the item structuring captions will be numbered with 'I.1.' • The numbering of structuring captions of the top activated structuring level always starts with 1. The numbering of structuring captions of a lower structuring level starts with 1 within each superior structuring caption, if the superior structuring level has defined a numbering format. If a structuring level has not defined a numbering format, the structuring captions of this structuring level are ignored in the numbering of the lower structuring captions. For example, if you have activated the structuring levels 'Subgroups' and 'Items' and enter a numbering format only for the 'Items' (e.g. '1.'), the structuring captions of the subgroups are displayed without numbering and the structuring captions of all items are numbered consecutively starting with 1 ignoring the subgroups.
Indent*	Optional indent of the text body of structuring captions of this structuring level. The indent value has to be specified in conformity with CSS 2.0. Allowed data are a number (consisting of digits and an optional decimal point '.'), optionally followed by '%' character or a scale unit ('pt', 'pc', 'in', 'mm', 'cm', 'px', 'em', 'ex'), all without space, e.g. '10px' (= 10 pixel). You use best the scale units 'px' or 'em'. If you enter just a number (without scale unit) the scale unit 'px' is default. The scale units have the following meaning: pt = point (absolute unit) pc = pica (absolute unit) in = inch (absolute unit) mm = millimeter (absolute unit) cm = centimeter (absolute unit) px = pixel (absolute unit per output device) em = relative unit, related to the font size of the element ex = relative unit, related to the height of the small letter 'x' % = relative unit (percent) The indent does not affect the structuring captions themselves but only the associated text bodies inclusive all subordinated structuring captions and their text bodies. If you leave this input field blank, no indent takes place.

Dialog elements for the field set 'Table Of Contents'

Caption [text]*	Optional caption for the table of contents. Enter any text here (up to 100 characters). When using the default document formatting this caption is displayed bold and underlined.
Level Depths [0 - 3]	The level depths of the table of contents determines, up to which defined structuring level the structuring captions are picked up for the table of contents. Only the structuring levels activated in the above field set 'Document Structuring' are counted. 0 = no table of contents. 1 = table of contents contains the captions of the top defined structuring level. 2 = table of contents contains the captions of the two top defined structuring levels. 3 = table of contents contains the captions of all defined structuring levels.
Indent captions at the left side by [distance]*	Left indent of the structuring captions of a structuring level within the table of contents, each relative to the parent structuring level. The distance value of the indent is specified the same way as in the input field 'Indent' (see above). If you leave this input field blank, no indent takes place.
TOC Image [file path]*	File path of an optional image (logo, overview graphic, etc.) displayed to the right of the table of contents. The file path can have up to 260 characters. If you don't want to display an image, leave this input field blank. To remove an existing image delete the displayed file path in the input field. If you want to display only the image but not the table of contents, enter the file path of the image here and the value '0' into the input field 'Level Depths'. In that case the image is displayed further left (instead of the table of contents).
More...	This button opens the 'Table Of Contents - Edit Image' dialog in which you may enter further configuration data for the TOC image.



If you remove (= "deactive") a structuring level already activated on the [second data input page for a collection](#) by unchecking it in the field set '**Document Structuring**', the following question is displayed before storing this modification:

The 'xxx' structuring level is to be deleted. Do you want to
remove the structuring captions of this structuring level
from the document?

At this point you have to decide what the structuring captions of the structuring level to remove should be done with.

That a **deactivated structuring level** does not appear in the document anymore it should contain [anonymous structuring elements](#) only, that is structuring elements without structuring caption and description. At least, all structuring elements should be *unnamed*, that is, have no structuring caption.

Answer the question above with:

- **Yes**, if you want to remove the existing structuring captions of the structuring level.
- **No**, if you want to keep the existing structuring captions of the structuring level. In that case the structuring captions will be displayed as plain text bold formatted. You should avoid this option if possible.
Note: Later you may still remove individual structuring captions manually or you re-activate the structuring level again and then deactivate it once again and answer the question with 'Yes'.
- **Cancel**, if you would rather not to remove the structuring level.



Use this dialog window to enter the **data of an image** which is displayed to the right of the table of contents. The image is optional. For example, it may contain a logo or an overview graphic which is displayed additionally to or instead of the table of contents.

Instructions

To enter the data of the image:

1. Enter the appropriate data into all dialog elements needed. For general instructions for using the several dialog elements (input fields, select fields, check boxes) see the Help on [XML Document Wizard](#).
If you do not want to display an image beside the table of contents or want to remove an existing image, enter nothing into the input field 'Image File [URL]'.
 2. Then click the button '**OK**' or press the '**Enter**' key.

Note:

To display this image instead of the table of contents enter the image data as usual and then, in the [second data input page for the collection](#), set the level depths of the table of contents to 0.

Dialog Elements

Input fields denoted with * are optional and can remain blank.

Image File [URL]	URL or file path of the image file. Specify the image resource here which should be displayed as image to the right of the table of contents. If this input field is blank, no image will be displayed.
Caption*	Optional image caption which is displayed below the image (any text as short as possible).
Popup Text*	Optional help text used for displaying a popup help (any text).
Image Width*	Optional width of the image display area, specified in pixel or another scale unit, e.g. 30px. Using the input fields 'Image Width' and 'Image Height' you can scale down an oversized image. Pay attention to let the image's aspect ratio (width to height) as unchanged as possible to avoid warps.
Image Height*	Optional height of the image display area, specified in pixel or another scale unit, e.g. 30px.

Buttons

The button '**OK**' takes over your input data to the wizard page and closes the dialog window.

The button '**Cancel**' rejects your input data and aborts the input procedure.

The button '**Help**' displays help on this dialog window.

Invoking

Open this dialog window with the button 'More' on the [second data input page for the collection](#) of the XML Document Wizard.



Use this page of the XML Document Wizard to **enter the data of a group element** of a 'HM Collection' document.

A **group** is a structuring element used to structure a 'HM Collection' document. When displaying a document a group is represented as text section consisting of a *structuring caption*, immediately followed by an optional text block (*description*) which may consist of any count of paragraphs with formattable text.

Instructions

To enter the data of a group:

1. Enter the appropriate data into all dialog elements needed. For general instructions for using the XML Document Wizard, the wizard buttons and the several dialog elements (input fields, select fields, check boxes) see the Help on [XML Document Wizard](#).
2. Then click the button '**Finish**' or just press the '**Enter**' key.

Dialog Elements

Input fields denoted with * are optional and can remain blank.

Caption [text]*	Structuring caption of this group. Enter any text here (up to 100 characters). Please note that usually it is advantageous to have unique group structuring captions within a document. However, that's not mandatory and neither is verified. Leave this input field blank to enter a so-called <i>anonymous group</i> which is needed and useful in exceptional cases only.
Description*	Optional description of this group. Any text which may contain paragraph and character formattings. To enter or modify the text click the button 'Edit'.
Edit	Use this button to open the ' Description Editor ' dialog in which you may enter, modify and format the text of the description of this group.



Use this page of the XML Document Wizard to **enter the data of a subgroup element** of a 'HM Collection' document.

A **subgroup** is a structuring element used to structure a 'HM Collection' document. When displaying a document a subgroup is represented as text section consisting of a *structuring caption*, immediately followed by an optional text block (*description*) which may consist of any count of paragraphs with formattable text.

Instructions

To enter the data of a subgroup:

1. Enter the appropriate data into all dialog elements needed. For general instructions for using the XML Document Wizard, the wizard buttons and the several dialog elements (input fields, select fields, check boxes) see the Help on [XML Document Wizard](#).
2. Then click the button '**Finish**' or just press the '**Enter**' key.

Dialog Elements

Input fields denoted with * are optional and can remain blank.

Caption [text]*	Structuring caption of this subgroup. Enter any text here (up to 100 characters). Please note that usually it is advantageous to have unique subgroup structuring captions within a group or within the document if there are no groups. However, that's not mandatory and neither is verified. Leave this input field blank to enter a so-called <i>anonymous subgroup</i> which is needed and useful in exceptional cases only.
Description*	Optional description of this subgroup. Any text which may contain paragraph and character formattings. To enter or modify the text click the button 'Edit'.
Edit	Use this button to open the ' Description Editor ' dialog in which you may enter, modify and format the text of the description of this subgroup.



Use this page of the XML Document Wizard to **enter the data of an item element** of a 'HM Collection' document. It is the first out of two data input pages for an item. On the [second data input page](#) you may enter the properties of the item.

A **data item** (abbr.: item) is the main information unit within a data collection and, at the same time, is a structuring item used to structure a 'HM Collection' document. When displaying a document an item is represented as text section consisting of a *structuring caption*, immediately followed by an optional text block (*description*), which may consist of any count of paragraphs with formattable text, followed by an optional list with the *properties* of the item.

Instructions

To enter the data of an item:

1. Enter the appropriate data into all dialog elements needed. For general instructions for using the XML Document Wizard, the wizard buttons and the several dialog elements (input fields, select fields, check boxes) see the Help on [XML Document Wizard](#).
2. Then click the button **'Next'** or just press the **'Enter'** key to continue with the [second data input page](#).

Dialog Elements

Input fields denoted with * are optional and can remain blank.

Caption [text]*	Structuring caption of this item. Enter any text here (up to 100 characters). Please note that usually it is advantageous to have unique item structuring captions within a subgroup, or within a group if there are no subgroups, or within the document if there are no groups and subgroups. However, that's not mandatory and neither is verified. Leave this input field blank to enter a so-called <i>anonymous item</i> which is needed and useful in exceptional cases only.
Description*	Optional description of this item. Any text which may contain paragraph and character formattings. To enter or modify the text click the button 'Edit'.
Edit	Use this button to open the 'Description Editor' dialog in which you may enter, modify and format the text of the description of this item.
Layout of the item properties	In this select field select the layout you want to for displaying the properties of this item. A schematic preview of the current selection is shown in the preview image on the left. <ul style="list-style-type: none"> • Invisible Table: The item properties are arranged as two-columned table. The table contains one line per property. The left column of the line contains the property name. The right column contains the property value. • Grid Table: The item properties are arranged as grid table. Aside from that it's the same as layout 'Invisible Table'. • Simple List (without enumeration characters): The item properties are arranged as list without enumeration characters. The list contains one list item per property. Each list item starts with the property name, followed by a colon (optionally), followed by the property value. • Numbered List: The item properties are arranged as numbered list. Aside from that it's the same as layout 'Simple List (without enumeration characters)'. • Dotted List: The item properties are arranged as dotted list. Aside from that it's the same as layout 'Simple List (without enumeration characters)'. • Simple Heading List (without enumeration characters): The item properties are arranged as list without enumeration characters. The list contains one list item per property. Each list item starts with a paragraph containing the property name (heading), followed by another paragraph with the property value. • Numbered Heading List: The item properties are arranged as numbered list. Aside from that it's the same as layout 'Simple Heading List (without enumeration characters)'. • Dotted Heading List: The item properties are arranged as dotted list. Aside from that it's the same as layout 'Simple Heading List (without enumeration characters)'.
Display grid table with full width	The setting of this check box affects the layout 'Grid Table' only. If this check box is <i>checked</i> the grid table displaying the item properties is layed out with the maximum possible width. If this check box is <i>unchecked</i> the width of the grid table is adapted to the widest text of the property list.
Append a colon to the property name	If this check box is <i>checked</i> a colon is automatically appended to the property names when displaying the property list of this item. If this check box is <i>unchecked</i> no colon is appended to the property names.



Use this page of the XML Document Wizard to **enter the properties of an item element** of a 'HM Collection' document. It is the second out of two data input pages for an item. The [first data input page](#) is used to enter the structuring caption and the description of the item as well as to define the layout of the item properties.

The **properties** describe the characteristic attributes of an item. As a data collection usually contains similar items, all items of a document more or less will have the same properties. However, that's not mandatory. A property is described by a *name-to-value* relation.

The upper area of the wizard page shows the select field 'Property' which contains a list with all property names of the item. To be able to make an unmistakable selection in this select field the names of all properties of an item have to be unique. The lower area of the wizard page shows the value of the currently selected property. The value of a property is described by one or several data fields depending on the property type.

Instructions

For general instructions for using the XML Document Wizard, the wizard buttons and the several dialog elements (input fields, select fields, check boxes) see the Help on [XML Document Wizard](#).

To **display** a particular property select its name in the select field 'Property'. The value of this property will be shown automatically in the lower window area then. If it is a *list property* additional buttons are inserted in the lower window area which you may use to browse the values of the list.

To enter a **new property** click the button 'New'.

To **edit** the displayed **property** click the button 'Edit'.

To **delete** the displayed **property** click the button 'Delete'. After confirming a security query the property will be removed from the option list.

To **move** the displayed **property** to another order position within the properties list of this item click the button 'Move'.

After entering all properties click the button '**Finish**' or press the '**Enter**' key to save the modifications.

Buttons

The button '**New**' opens the '[Property Type Selection](#)' dialog which the procedure for entering a new property is started with.

The button '**Edit**' opens the '[Property - Enter Data](#)' dialog in which you may modify the data of the property displayed.

The button '**Delete**' removes the property displayed from the option list of the select field 'Property'.

The button '**Move**' opens the '[Property - Move](#)' dialog in which you may specify the new position for the property displayed.



Use this dialog window to **select the property type** of a new property of an item. The property type determines the content (value) of a property.

Instructions

For general instructions for using the several dialog elements (input fields, select fields, check boxes) see the Help on [XML Document Wizard](#).

To select the property type of the new property you have two alternate options: the select field 'Property Type' and the select field 'Property Template'.

Use the select field 'Property Type' if there is no other item in this document with a similar property.

Use the select field 'Property Template' if you want to enter a property similar to an existing property of another item. A **property template** is a given combination of *property name* and assigned *property type* (in square brackets). The select list contains all such combinations of all items of the document. This select field assists you to enter for all items the same properties with the same property type.

Dialog Elements

Property Type	<p>Select list containing all property types available for a property:</p> <ul style="list-style-type: none"> ● Value: A 'Value' property contains any desired <i>unformatted text</i> which describes the 'value' of the property, e.g. a number, a term, a short textual description. ● Image: An 'Image' property contains the description of an <i>image resource</i> which represents the 'value' of the property, e.g. an image file. ● Link: A 'Link' property contains the description of a <i>hyperlink</i> which is the 'value' of the property. ● Link (with property name as link text): A 'Link (with property name as link text)' property contains the description of a <i>hyperlink</i> with an associated <i>comment</i>. The property name is displayed as hyperlink. The comment represents the 'value' of the property. ● Comment: A 'Comment' property contains a section consisting of one or several paragraphs with any desired <i>formatted text</i> which is the 'value' of the property. ● Value List: A 'Value List' property consists of a <i>sequence of values</i>, each of them can contain any desired unformatted text. To layout the list there are several list types available. ● Image List: An 'Image List' property consists of a <i>sequence of images</i>. To layout the list there are several list types available. ● Link List: A 'Link List' property consists of a <i>sequence of hyperlinks</i>. To layout the list there are several list types available.
Property Template	Select list containing all property templates currently available for a property.
Description	Displays a schematic preview and textual description of the property type or property template currently selected.

Buttons

The button '**OK**' takes over your input data and continues the input procedure for the new property with the '[Property - Enter Data](#)' dialog.

The button '**Cancel**' rejects your input data and aborts the input procedure for the new property.

The button '**Help**' displays help on this dialog window.

Invoking

This dialog window is opened from the [second data input page for items](#) of the XML Document Wizard if you start the input procedure for a new property with the button 'New'.



Use this dialog window to enter the data of a new property of an item and to edit the data of an existing property.

This dialog window shows different dialog elements depending on the *property type* of the property. The property type itself is unchangeable in this dialog window. Note: To modify the property type you have to delete the property and insert it again.

Instructions

To enter the data of a property:

1. Enter the appropriate data into all dialog elements needed. For general instructions for using the several dialog elements (input fields, select fields, check boxes) see the Help on [XML Document Wizard](#).
2. If it is a list property (value list, image list, link list) the data of the currently selected list item are displayed. However, the data are not changeable. Additionally, the tool bar '**List Items**' is displayed containing buttons to browse the list items and buttons to modify the currently visible list item.

To enter a new list item click the button '**New**'.

To edit or delete a list item or move it within the property value list, browse to the list item and then click the appropriate button of the '**List Items**' tool bar.

3. Finally click the button '**OK**' or press the '**Enter**' key.

Dialog Elements

Input fields denoted with * are optional and can remain blank.

Dialog elements for all property types

Property Name	The name of the property. Enter any string as short as possible here or select an existing name using the accompanying button '...'. The property name must be unique per item. According to possibility always use for all items the same property name for the same property.
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Dialog elements for list properties (value list, image list, link list)

Layout*	Layout of the property value list. Determines the representation of the list items of this list property. <ul style="list-style-type: none"> • Invisible Table: The list items of the property are arranged as invisible table. The value of the input field 'Columns' defines the number of columns of this table. If a table contains 'n' columns, the first 'n' list items make out the first line of the table, the next 'n' list items the second line, etc. • Grid Table: The list items of the property are arranged as grid table. The value of the input field 'Columns' defines the number of columns of this table. If a table contains 'n' columns, the first 'n' list items make out the first line of the table, the next 'n' list items the second line, etc. • Simple List (without enumeration characters): The list items of the property are arranged as list without enumeration characters. • Numbered List: The list items of the property are arranged as numbered list. • Dotted List: The list items of the property are arranged as dotted list.
Columns*	Number of columns of the property value list (is used for the layouts ' Invisible Table ' and ' Grid Table ' only). If blank the default value '1' is assumed.

Dialog elements for 'Value' and 'Value List' properties

Value Text*	Value of the 'Value' property or value of the current list item of the 'Value List' property. Enter any desired text here which paraphrases the value of the property (term, number, date, time, etc.). Even though this input field is optional you should usually always enter a value here.
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Dialog elements for 'Image' and 'Image List' properties

Image File [URL]	URL or file path of the image file. Specify the image resource here which should be displayed as image of the 'Image' property or of the current list item of the 'Image List' property.
Caption*	Optional image caption which is displayed below the image (any text as short as possible).
Popup Text*	Optional help text used for displaying a popup help (any text).
Image Width*	Optional width of the image display area, specified in pixel or another scale unit, e.g. 30px. Using the input fields ' Image Width ' and ' Image Height ' you can scale down an oversized image. Pay attention to let the image's aspect ratio (width to height) as unchanged as possible to avoid warps.
Image Height*	Optional height of the image display area, specified in pixel or another scale unit, e.g. 30px.

Dialog elements for 'Link' and 'Link List' properties

Web Address [URL]	Target Web address of the link. Enter here the full URL of a Web page, e.g. 'http://www.yoursite.com', or the URL of an e-mail address, e.g. 'mailto:yourname@provider.com'.
Link Text	A text describing the target address. You may enter any text here. For a Web page usually the target Web address without the Internet protocol part is given here, e.g. 'www.yoursite.com', the same for an e-mail address, e.g. 'yourname@provider.com'.
Popup Text*	Optional help text used for displaying a popup help (any text).

Dialog elements for 'Link (with property name as link text)' properties

Web Address [URL]	Target Web address of the link. Enter here the full URL of a Web page, e.g. 'http://www.yoursite.com', or the URL of an e-mail address, e.g. 'mailto:yourname@provider.com'.
Link Text	A text describing the target address. With this property type you can not enter the link text. The property name is used as link text.
Popup Text*	Optional help text used for displaying a popup help (any text).
Description*	Description of this link which is displayed as 'value' of the property. Any text, may contain paragraph and character formatings and may be blank too. To enter or modify the text click the button 'Edit'.

Dialog elements for 'Comment' properties

Comment*	Comment text of the property which is displayed as 'value' of the property. Any text, may contain paragraph and character formatings and may be blank too. To enter or modify the text click the button 'Edit'.
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Buttons for List Properties ('List Items' Tool Bar)

The buttons '|<', '<', '>' and '>|' go to the first, previous, next or last list item, respectively.

The button '**New**' opens the '[List Item - Enter Data](#)' dialog in which you can enter a new list item.

The button '**Edit**' opens the '[List Item - Enter Data](#)' dialog to edit the list item currently displayed.

The button '**Delete**' removes the list item currently displayed from the property value list of this property.

The button '**Move**' opens the '[List Item - Move](#)' dialog to move the list item currently displayed to another order position within the property value list of this property.

Buttons

The button '**OK**' takes over your input data to the wizard page and closes the dialog window.

The button '**Cancel**' rejects your input data and aborts the input procedure.

'Help' displays help on this dialog window.

The button '...' next to the property name opens the '[Property Name Selection](#)' dialog in which you may select a property name once already used in the document.

Invoking

This dialog window is opened from the [second data input page for items](#) of the XML Document Wizard if you start the input procedure for a new property with the button 'New' or if you click the button 'Edit' to modify the property shown.



Use this dialog window to **select a property name** for the property of an item.

The **property names** of all properties of an item have to be unique. This dialog window assists you to reuse property names already entered for other items and to avoid typing errors that way.

Instructions

For general instructions for using the several dialog elements (input fields, select fields, check boxes) see the Help on [XML Document Wizard](#).

To select a specified name in the list displayed, mark that name by a mouse click or using the arrow keys of the keyboard and then click the button **'OK'** or press the **'Enter'** key. Alternatively you may double click the name too.

Dialog Elements

Available property names of this document

The list contains all property names entered in the document so far and not yet used with the current item.

Buttons

The button **'OK'** accepts the marked name and closes the dialog window. This button is activated only if a name in the list is marked.

The button **'Cancel'** closes the dialog window without selecting a name.

The button **'Help'** displays help on this dialog window.

Invoking

Open this dialog window with the button **'...'** right beside the input field **'Property Name'** in the **'Property - Enter Data'** [dialog](#).



Use this dialog window to enter the data of a new list item of the property value list of a property and to edit the data of such an existing list item.

This dialog window shows different dialog elements depending on the *property type* of the list property.

Instructions

To enter the data of a list item:

1. Enter the appropriate data into all dialog elements needed. For general instructions for using the several dialog elements (input fields, select fields, check boxes) see the Help on [XML Document Wizard](#).
2. Then click the button **'OK'** or press the **'Enter'** key.

Dialog Elements

Input fields denoted with * are optional and can remain blank.

Dialog elements for the list item of a 'Value List' property

Value Text*	Value of the list item. Enter any desired text here which paraphrases the value of the property (term, number, date, time, etc.). Even though this input field is optional you should usually always enter a value here.
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Dialog elements for the list item of a 'Image List' property

Image File [URL]	URL or file path of the image file. Specify the image resource here which should be displayed as image of the list item.
Caption*	Optional image caption which is displayed below the image (any text as short as possible).
Popup Text*	Optional help text used for displaying a popup help (any text).
Image Width*	Optional width of the image display area, specified in pixel or another scale unit, e.g. 30px. Using the input fields 'Image Width' and 'Image Height' you can scale down an oversized image. Pay attention to let the image's aspect ratio (width to height) as unchanged as possible to avoid warps.
Image Height*	Optional height of the image display area, specified in pixel or another scale unit, e.g. 30px.

Dialog elements for the list item of a 'Link List' property

Web Address [URL]	Target Web address of the link. Enter here the full URL of a Web page, e.g. 'http://www.yoursite.com', or the URL of an e-mail address, e.g. 'mailto:yourname@provider.com'.
Link Text	A text describing the target address. You may enter any text here. For a Web page usually the target Web address without the Internet protocol part is given here, e.g. 'www.yoursite.com', the same for an e-mail address, e.g. 'yourname@provider.com'.
Popup Text*	Optional help text used for displaying a popup help (any text).

Buttons

The button **'OK'** accepts your input data and closes the dialog window.

The button **'Cancel'** rejects your input data and aborts the input procedure.

'Help' displays help on this dialog window.

Invoking

This dialog window is opened from the ['Property - Enter Data' dialog](#) during the data input for a list property if you start the input for a new list item with the button **'New'** or if you click the button **'Edit'** to modify the list item shown.



Use this dialog window to **move the list item currently displayed** to a new order position within the property value list of a property.

Instructions

To move the current list item:

1. Enter the appropriate data into all dialog elements needed. For general instructions for using the several dialog elements (input fields, select fields, check boxes) see the Help on [XML Document Wizard](#).
2. Then click the button '**OK**' or press the '**Enter**' key.

Dialog Elements

Selected position to move	Shows the list item currently displayed which you want to move. Unchangeable.
Insert the selected position before this position	Option list containing all list items of the property value list excluded the list item to move. In this select field select that list item, the list item to move should be inserted before . If you want to position the list item at the end of the list select the option '<end of list>'.

Buttons

The button '**OK**' accepts your selection and closes the dialog window.

The button '**Cancel**' rejects your selection and closes the dialog window.

The button '**Help**' displays help on this dialog window.

Invoking

Open this dialog window with the button 'Move' in the '[Property - Enter Data](#)' dialog.



Use this dialog window to **move the property currently displayed** to a new order position within the properties list of an item.

Instructions

To move the current property:

1. Enter the appropriate data into all dialog elements needed. For general instructions for using the several dialog elements (input fields, select fields, check boxes) see the Help on [XML Document Wizard](#).
2. Then click the button '**OK**' or press the '**Enter**' key.

Dialog Elements

Selected position to move	Shows the property currently displayed which you want to move. Unchangeable.
Insert the selected position before this position	Option list containing all properties of the property list excluded the property to move. In this select field select that property, the property to move should be inserted before . If you want to position the property at the end of the list select the option '<end of list>'.

Buttons

The button '**OK**' accepts your selection and closes the dialog window.

The button '**Cancel**' rejects your selection and closes the dialog window.

The button '**Help**' displays help on this dialog window.

Invoking


Open this dialog window with the button 'Move' on the [second data input page for items](#) of the XML Document Wizard.



This dialog window is a simple **text editor** you can use to enter and edit the *description text* of a collection or structuring element of a 'HM Collection' document.

The **description text** may contain any count of paragraphs. Each paragraph may have a different *paragraph formatting* (left, right, center, justify). Any paragraphs may be emphasized by an arbitrary combinable *character formatting* (bold, italic, underline).





Instructions

Use the button  in the title bar of the dialog window to maximize the window for better overview.




To enter a paragraph click in the multi-line input field of the text editor at the desired position. Then just enter the text. If the text is longer than a display line an automatic word wrap take place.

To start a new paragraph press the 'Return' or 'Enter' key. The input cursor will open a new line then.

To format a paragraph with a specified paragraph formatting, position the input cursor within the paragraph and then click the desired paragraph format button or press the corresponding shortcut.

Button	Shortcut	Paragraph Formatting
	Ctrl+L	Align the paragraph to the left
	Ctrl+E	Align the paragraph centered
	Ctrl+R	Align the paragraph to the right
	Ctrl+J	Align the paragraph justified

To format a text area with a specified character formatting, first mark the desired text area and then click the desired character format button or press the corresponding shortcut.

Button	Shortcut	Character Formatting
	Ctrl+B or Ctrl+Shift+B	Format marked characters bold
	Ctrl+I or Ctrl+Shift+I	Format marked characters <i>italic</i>
	Ctrl+U or Ctrl+Shift+U	Format marked characters <u>underlined</u>

To mark a text area using the mouse, drag the mouse with the left mouse button constantly pressed over the desired area. To mark a text area using the keyboard, position the input cursor to the beginning of the text area. Then hold the 'Shift' key (character jump) or the 'Ctrl+Shift' keys (word jump) constantly pressed and at the same time actuate repeatedly one of the arrow keys to extend the marking accordingly.

Buttons

The button '**OK**' stores all modifications and closes the dialog window.

The button '**Cancel**' rejects all modifications and closes the dialog window.

The button '**Help**' displays help on this dialog window.

Invoking

Open this dialog window with the button '**Edit**' next to the description text in several wizard pages and dialog windows of the [XML Document Wizard](#).



The main window is displayed if you launch **HM XColdo** directly from the 'All Programs' entry in the Windows Start menu.

In this program version of **HM XColdo** the main window itself has no functionality and merely displays a start page with instructions.

To display a ['HM Collection' document](#) open it in your Web browser. To create and edit a ['HM Collection' document](#) launch the [XML Document Wizard](#) of **HM XColdo** via the context menu of the Web browser.

Menu Commands

The **menu bar** of the main window offers you among others the following *menu commands*:

The menu command **'File » Exit'** closes the program.

The menu command **'View » Options'** opens the ['Options' dialog](#) which you can use to configure the program settings.

The menu command **'Help » Help Topics'** opens the Help window of **HM XColdo**. Note: By pressing the function key **'F1'** you will get contextual help.

The menu command **'Help » About'** opens the ['About' dialog](#) which shows the program version as well as the copyright, license and support information. Furthermore, in this dialog window there is a button to open the ['License Activation' dialog](#) in which you can enter your license information to activate the unregistered shareware version.



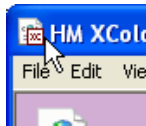
The **System menu** (Control menu) of the [main window](#) offers the following *commands*:

Restore	Restores normal size and position of the window.
Move	Moves the window (with arrow keys).
Size	Changes the size of the window (with arrow keys).
Minimize	Reduces the window to an icon.
Maximize	Enlarges the window to full size.
Close	Closes the window.

Shortcuts

Keys: Alt + Spacebar

Mouse: Click on the top left edge in the title bar of the main window.





Use the **Options** (preferences) to configure the program and adjust it to your requirements. Click on the several tabs (option groups) and change the options you want.

Tab page '[General](#)' contains general options to configure the the application, e.g. user interface language.

Tab page '[HTML Layout](#)' contains options to configure the HTML layout of newly created 'HM Collection' documents.

Buttons

Use button '**OK**' to save all your changes and close the dialog box.

Use button '**Cancel**' to close the dialog box without saving the changes you have made since opening the dialog box or the last saving of the options.

Use button '**Help**' to display help on this dialog box.

Invoking

Open this dialog window with the menu command '**View » Options**' in the [Main Window](#) of the application.



This tab page of the 'Options' dialog contains general settings you can use to configure the applications behaviour. Modifications of settings on this page will take effect immediately after closing the dialog box.

Dialog Elements

Language

Language for the user interface of the application.

The dropdown list contains only those languages which were selected during installation of the application. The language 'English' is always available. Other languages are optional. If you need an additional language, run once again the setup program of the application, if necessary, and install the additional language package (see [Maintenance Installation](#)). At the [Product Homepage](#) of the application you may find additional language packages for downloading.



To change the options on this tab page a profound knowledge of XML and HTML is necessary. If you don't have such skills, please let these options blank.

This tab page of the 'Options' dialog contains settings you can use to determine the **HTML representation** of newly created 'HM Collection' documents in the Web browser.

Dialog Elements

CSS Stylesheet	Full URL or file path of a common user-defined file with CSS formatting data. This CSS file is displayed as default value when creating a new 'HM Collection' document. If you intend to make only slight modifications of the standard HTML layout, just copy the standard CSS formatings from the standard XSLT transformation file 'collection.xslt' to a separate user-defined CSS stylesheet file and then customize the CSS formatings in this file accordingly.
Button '...' (next to CSS Stylesheet)	You can use this button to open a dialog to choose a CSS stylesheet file.
XSLT Stylesheet	Full URL or file path of a common user-defined file with XSLT transformation data. This XSLT file is displayed as default value when creating a new 'HM Collection' document. If you intend to remodel the HTML representation of 'HM Collection' documents completely, you can create your own user-defined XSLT transformation file. For that, however, you will need detailed knowledge of the XML structure of 'HM Collection' documents. A clear description of this XML structure is contained in chapter 'HM Collection' Documents. If you need more detailed information, contact HMSE Sales to get full documentation against payment of a small fee.
Button '...' (next to XSLT Stylesheet)	You can use this button to open a dialog to choose a XSLT stylesheet file.



This dialog shows the exact version number of the program, as well as copyright, license and support information.

Buttons

The button '**Close**' closes the dialog window.

The button '**License**' opens the '[License Activation](#)' dialog where you can enter your license information to activate the unregistered shareware version. *Note: If the application need not to be activated, this button does not exist.*

Invoking

Open this dialog window with the menu command '**Help » About**' in the main window of the application. If there is no menu bar in the main window, use the system menu command '**System menu » About**' instead.



In this dialog you can enter the license information you have got from the licenser to [activate](#) the unregistered shareware version of the program. The activation of the program is done by activating the entered license. Thereby the license will be verified. Note: You can repeat the activation of a license as often as you want.

A **license** consists of two parts: the *license number* (also called activation code) and the appropriate *license file*. You receive both parts from the licenser with a license letter (in written form or by email). Save the license file to the program folder of the application. Alternatively, you can save it to any other folder on your computer (e.g. on a removable disk).

Dialog Elements

Enter all data exactly the same as specified in the license you have received from the licenser. **Note that the values are case-sensitive and pay attention to the difference between the digit 0 (zero) and the uppercase letter O as well as the digit 1 and the uppercase letter I. The license number does not contain lowercase letters.**

License number:	The activation code you have got from the licenser.
License file:	Full path and filename of the license file you have got from the licenser.
Dongle Port: (optional)	Logical interface name in the Windows operating system which the dongle is connected to. If a 'bound volume' is used as dongle, this is the drive letter of the drive containing the 'bound volume' followed by a colon (:). <i>Note: This input field is enabled only if the license is protected by a dongle.</i>
Dongle Description: (optional)	Name / description of your choice of the dongle ('bound volume'). It is used in messages and may not be empty. <i>Note: This input field is enabled only if the license is protected by a dongle.</i>

Buttons

The button '...' opens a dialog window to choose the license file to activate.

The button '**Activate**' starts the activation process for the license you have entered.

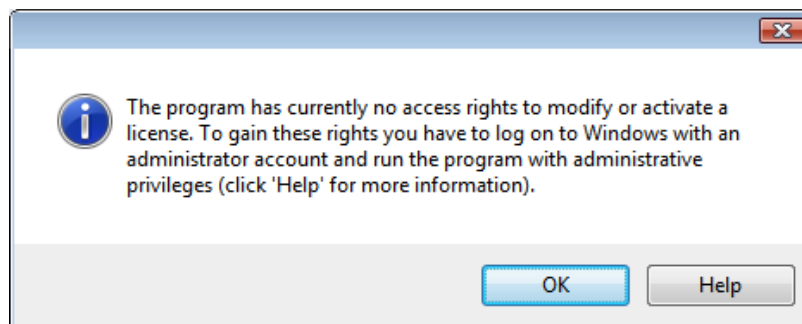
The button '**Help**' displays help on dialog window.

The button '**Close**' closes the dialog window.

Invoking

Open this dialog window with the button '**License**' in the '**About**' dialog.

Due to Windows security restrictions administrative privileges are needed to activate a license. If the following message is displayed when opening the dialog window, you are currently not authorized to it and all input fields as well as the button 'Activate' are disabled.



To gain the rights needed you have to log on to your Computer with an administrator account and run the application with administrative privileges:

To find out which user account of your computer is an administrator account, open **User Accounts** in Windows **Control Panel**. Then if needed, restart your computer and log on to Windows with an administrator account.

To start a program with administrative privileges in Windows Vista and later right click the program's shortcut in the program group of the application and then select the context menu command '**Run as administrator**'. In previous Windows versions just click the program's shortcut.

Note: Starting the application with administrative privileges is only necessary to activate a license (see [Activation](#)). After it, you may restart the program as usual.



Use shortcuts (also called accelerator keys) to gain quick access to often used commands or operations.

Common Shortcuts (in all windows)

Window control	Key(s)
Close the application	Alt+F4 or Esc
Close the active window	Alt+F4 or Esc
Help on the active window or the active dialog element	F1 or Shift+F1
Edit field control	Key(s)
Direct jump to an edit field	Alt+letter underlined
Jump to the next edit field	TAB
Jump to the previous edit field	Shift+TAB
To the beginning of the edit field	Pos1
To the end of the edit field	End
Undo the input	Ctrl+Z
Combobox control	Key(s)
Open or close the item list	Alt+↓ or Alt+↑
To the next/previous item in the open item list	↓ or ↑
Take current item of the item list	TAB
Register element control	Key(s)
To the next register page (tab)	Ctrl+TAB
To the previous register page (tab)	Shift+Ctrl+TAB
Checkbox control	Key(s)
Check/uncheck the checkbox	Space
Button control	Key(s)
Press the button	Space



HM XColdo offers you several ways to get help.

The **What's This? help** shows information on the current dialog element (edit field, combobox, checkbox, push button, and so on) of a window. The help text is shown in a small popup window near by the dialog element concerned.

All other help types are displayed in an own help window which can be enlarged, reduced or moved in any way.

The **context help** shows information on the active window and explains possible dependences of the several dialog elements.

The **help topics** offer an overview and hierarchical outline with all help texts available.

The **help index** offers the possibility to filter and display the existing help topics using predefined key words.

The **full text search** offers the possibility to search the existing help topics for any words.

Use the **favorites** to collect often used help topics to make them accessible quickly.

Invoking

Help Type	Getting help
What's This? Help	Keys: n/a Mouse: Position the mouse pointer for a moment over the dialog element you need help on. Note: The popup window with the 'What's This? Help' disappears after a a little while. To re-open it, position the mouse pointer shortly over another dialog element and then once again over the dialog element you need help on.
Context Help	Keys: F1 Mouse: Click the push button <i>Help</i> .
Help Topics	Keys: Alt+F1 Mouse: n/a



The integration of **HM XColdo** into the user interface of the several Web browser programs is made by browser specific add-ons implemented as **browser extensions**.

The main task of these add-ons is to provide the menu command 'HM XColdo...' in the context menu of the browser which launches the [XML Document Wizard](#) of **HM XColdo** within the context of the current browser window.

The browser extensions needed are selectable components at the [main installation](#) of **HM XColdo**. Later on, you may also use the installation program (Setup) of **HM XColdo** to perform a [separate installation of a particular browser extension](#) too.

Actually there are **browser extensions** for the following Web browsers:

- **Microsoft Internet Explorer 9.0 and higher:**

The integration of **HM XColdo** into the Internet Explorer is made *loosely* due to technical restrictions. For further details, see section *Mozilla Firefox 1.5* below.

- **Microsoft Internet Explorer 5.5 to 8.0:**

The integration of **HM XColdo** into the Internet Explorer is made *tightly*. Which means, if you have opened the XML Document Wizard from within the Internet Explorer and then browse the opened windows in the Windows task list, only the Internet Explorer window occurs in the task list. The XML Document Wizard of **HM XColdo** is merely a subwindow of Internet Explorer. Activating the Internet Explorer window via the task list, activates automatically the XML Document Wizard's subwindow too.

- **Mozilla Firefox 1.5 and higher:**

The integration of **HM XColdo** into Firefox is made *loosely* due to technical restrictions. Which means, if you have opened the XML Document Wizard from within Firefox and then browse the opened windows in the Windows task list, both the Firefox window and the window of the XML Document Wizard of **HM XColdo** occur in the task list. **HM XColdo** is a stand-alone top-level window. But the calling Firefox window is blocked as long as the XML Document Wizard is running. To be able to continue working in the Firefox window you have to activate the **HM XColdo** window in the Windows task list and finish the current task in the XML Document Wizard.



Overview

- [Description](#)
- [Display](#)
- [Distribution](#)
- [Tools for 'HM Collection' Documents](#)
- [Web Browser Error Messages](#)
- [XML Scheme](#)



A **'HM Collection' document** is an XML document in conformity with the open W3C XML 1.0 standard and complying with the ['HM Collection' XML scheme](#) document structure. This chapter contains a plain informational description of this document structure. How this document structure is displayed in the Web browser is described in chapter ['HM Collection' Document Display](#).

A **'HM Collection' document** contains and describes a *data collection* with any content (link lists, image lists, recipe collection, item lists, price lists, address lists, etc.). Such an XML document is viewable in your Web browser like a usual HTML document.

A **data collection** (abbr.: collection) is a set of information units named *data items*. It is a good idea to affiliate only similar items to a data collection, however that's not mandatory. When displaying a 'HM Collection' document the data collection itself is represented by the document caption and an optional description (foreword, abstract).

A **data item** (abbr.: item) contains the description of an information unit. This description can be made on the one hand by an arbitrary *formattable text* (description) and/or on the other hand by a list of *properties*. A **property** describes a special attribute of an item with a *'name-to-value'* relation. You can use any text for the *name* of a property. To specify the *value* of a property you have several options (plain value, image, hyperlink, description with formattable text, value list, image list, hyperlink list). When displaying a 'HM Collection' document each data item is represented by a structuring caption, the optional description section and the optional property list.

Optionally data items can be assorted to **groups** and **subgroups** within the data collection. When displaying a 'HM Collection' document each group and subgroup is represented by a structuring caption and an optional description section.

Further on a 'HM Collection' document can contain optionally a self-generated **table of contents** which is displayed after the description of the collection and before the first structuring caption.



As usual for XML documents an 'HM Collection' document is displayed in the [Web browser](#) as HTML document using an XSLT transformation. The 'HM Collection' standard XSLT transformation is available in the Web for free and without restrictions. It is also contained in the scope of delivery of **HM XColdo** and is set up automatically on installation.

The display of an 'HM Collection' document is customizable by attributes of the *collection* and the *table of contents*. This chapter describes on an informational basis the customization possibilities and their effects as implemented in the **'HM Collection' standard display**.

Document Structuring

In an 'HM Collection' document you may define up to three **structuring levels** (groups, subgroups, items) according to demand which you can use to structure the document display clearly. You define a structuring level by specifying a name for it in the collection attributes. A defined structuring level is also denominated as "*activated*", an undefined structuring level as "*deactivated*". Each structuring level, whether it is activated or not, needs in conformity with the 'HM Collection' XML scheme one element at least. The elements of these three structuring levels are commonly named as **structuring elements**. The captions of structuring elements are called **structuring captions**. They are emphasized by a particular formatting when displaying the document and may optionally be prefixed with a self-generated numbering.

If a structuring element has no caption, it is called an **unnamed element**. Unnamed elements are displayed without structuring caption and therefore appear neither in the document structuring nor in the table of contents. The text body and subordinated structuring elements of an unnamed element are associated with the predecessor structuring element. As a rule unnamed elements are useful for the items structuring level only to represent an item with several text sections and property lists.

If an unnamed element has no description too, it is called an **anonymous element**. Anonymous elements are needed for deactivated structuring levels and ensures that a deactivated structuring level does not appear in the document.

A **deactivated structuring level** should contain *anonymous elements* only. However, that's not mandatory in conformity with the 'HM Collection' XML scheme. If a deactivated structuring level contains an *unnamed element*, this element is displayed normally (as described above). If a deactivated structuring level contains a *structuring element* (with caption), the caption of this element is not displayed as structuring caption but as plain text (without numbering) bold formatted. You should avoid such a case if possible.

Numbering Of Structuring Captions

The structuring captions of an activated structuring level may optionally be self-numbered. To that, define the numbering format for this structuring level in the collection attributes. A numbering format defined possibly for a deactivated structuring level is ignored.

If several structuring levels are activated you will usually define a numbering format for all activated structuring levels. However, that's not mandatory. Sometimes it may be meaningful not to number subordinated structuring elements. If you define a superordinated structuring level without numbering, the structuring captions of the next subordinated structuring level which has a numbering format defined are numbered consecutively starting with 1 as if the superordinated structuring level would not exist. But nevertheless, the structuring captions of the superordinated structuring level are displayed (without numbering).

Indent Of Text Bodies

The text body of a structuring level may be indented relative to the structuring captions of this structuring level. To that, define the indent for this structuring level in the collection attributes. The text body of each structuring element of this structuring level will be indented. The text body of a structuring element consists of its description and all subordinated structuring captions together with their text bodies.

Table Of Contents

In a 'HM Collection' document you may define optionally a self-generated table of contents. To that, you have to specify a toc element. To customize the display of the table of contents use the attributes of the toc element. The table of contents may contain its own caption which is displayed with normal font size but bold and underlined. Using the level depth you may control up to which activated structuring level the structuring captions are picked up for the table of contents. Furthermore you may define for each activated structuring level an indent of its structuring captions within the table of contents. This indent affects the table of contents only and is independent of the indent of the text body defined by the structuring level.

Optionally you may specify an image within the table of contents which may contain for instance a logo or an overview graphic. To that, you have to specify an image element as child element of the table of contents. The image is displayed to the right of the table of contents. If you set the level depth to 0, just the image is displayed instead of the table of contents.



If you would like to pass on a 'HM Collection' document to another person or transfer it to another computer, please note the following:

As described in chapter 'HM Collection' Document Display a Web browser needs an appropriate XSLT transformation file to be able to display an 'HM Collection' document. Therefore, to pass on an 'HM Collection' document to others, it won't do to distribute just the XML file of the 'HM Collection' document, but in addition you have to transmit the associated XSLT transformation file too.

Standard XSLT Transformation File

If you have not specified an user-defined XSLT stylesheet when creating the 'HM Collection' document, your 'HM Collection' document is using the 'HM Collection' standard XSLT transformation file which you are allowed to pass on to third-party without restrictions.

You have the following ways for distribution:

- The 'HM Collection' standard XSLT transformation is available in the Web for free and without restrictions. See the download area of the [Product Homepage](#) of **HM XColdo** for a link on a free installation program you may use to set up the 'HM Collection' standard XSLT transformation on the target computer quickly and easily.
- If you wouldn't only display the 'HM Collection' document on the target computer but also edit it, it's very best to install **HM XColdo** on the target computer. With it the 'HM Collection' standard XSLT transformation is set up automatically.
- However, you may set up the 'HM Collection' standard XSLT transformation on the target computer manually too by copying the XSLT transformation file from your computer to the target computer and creating the appropriate folder structure manually there. Usually the 'HM Collection' standard XSLT transformation file has the following file path:

```
C:\Programs\Common Files\HMSE\HM Collection\<version>\collection.xslt
```

You will find the exact file path also in the XML file of the 'HM Collection' document. Open the XML file with a text editor. The second line '`<?xml-stylesheet type="text/xsl" href="file:///.../collection.xslt" ?>`' contains a href attribute with the full file path as URL.

User-defined XSLT Transformation File

If your 'HM Collection' document uses an user-defined XSLT transformation file, you have to transfer it to the target computer manually, and if needed all associated resource files too.



Viewer Programs

You can view 'HM Collection' documents in any **arbitrary Web browser** which knows the W3C specifications for XML 1.0, XSLT 1.0 and XHTML 1.1. These specifications are virtually implemented by every modern Web browser.

Editor Programs

Of course, most suitable for 'HM Collection' documents is the program **HM XColdo**, which enables you to create and edit documents free from error quickly and easily without XML and HTML skills.

As 'HM Collection' documents are quite regular XML documents you can use any **XML editor program** to create and edit them. If necessary, you will need the [XML scheme](#) for 'HM Collection' documents to it.

As 'HM Collection' documents are quite regular text documents you can even use any simple **text editor program** to create and edit them. However, in this case you should have profound XML knowledge and should know and understand the [XML scheme](#) for 'HM Collection' documents. Pay attention to save the XML document in the text editor with those character encoding which is specified in the `encoding` attribute in the first line of the XML document, usually the Unicode character format. Frequent sources of error and the associated error messages occurring when using a text editor are described in chapter '[Web Browser Error Messages](#)'.



If you do not use **HM XColdo** to create and edit 'HM Collection' documents, it may occur, especially with text editors, that a saved 'HM Collection' document is faulty and therefore can not be displayed in the Web browser. In such cases the Web browsers display a more or less comprehensible error message.

Most frequent error messages and their cause

XML scheme validation error

Web browser error messages like:

```
End tag '...' does not match the start tag '...'.  
Error processing resource 'file:///...'
```

```
XML Parsing Error. mismatched tag. Expected: ...
```

Cause:

The XML document contains an invalid XML structure which does not meet the [XML scheme](#) of 'HM Collection' documents. Problems may be caused by typing errors in the element names, case-sensitive names, missing attributes, wrong element order, and so on.

Correction:

Open the XML file in a text editor program, verify and correct the XML tags in the XML document near the error position indicated in the error message.

Incorrect character encoding

Web browser error messages like:

```
Switch from current encoding to specified encoding not supported.  
Error processing resource 'file:///...'
```

Cause:

This error message is displayed in the Web browser if the character encoding specified in the `encoding` attribute in the first line of the XML document does not correspond with the character encoding used to save the XML document as XML file. For example, in the XML document Unicode encoding '`<?xml version="1.0" encoding="UTF-16" ?>`' is specified and the XML document is saved as XML file with ANSI character encoding.

Correction:

Either with a text editor modify properly the character encoding in the `encoding` attribute (e.g. to `encoding="ISO-8859-1"`) or save the XML document as Unicode file.

Missing resource file

Web browser error messages like:

```
The system cannot locate the resource specified.  
Error processing resource 'file:///...'
```

```
Error loading stylesheet 'file:///...'
```

Cause:

The resource file displayed could not be read. Either this file does not exist, because it was deleted, moved or renamed, or the reference to this file in the XML document is specified falsely.

Correction:

A 'HM Collection' document uses up to two resource files. Always a suitable *XSLT stylesheet* (XSLT transformation file) is needed to display the document in the Web browser, and in addition, this XSLT stylesheet can include optionally an external *CSS stylesheet* (CSS formatting file). Open the XML file in a text editor and verify the second line of the XML document '`<?xml-stylesheet type="text/xsl" href="file:///.../collection.xslt" ?>`'. The href attribute has to contain a valid absolute or relative URL. Please note, some browsers (e.g. Firefox) run into problems with a relative URL. Verify if the specified file path really exists and correct it if needed. The optional `style` attribute of the `collection` element may contain the URL of an external CSS stylesheet. Verify this information too. If the document has a user-defined XSLT

stylesheet verify this XSLT stylesheet if it is using an external CSS stylesheet and if it generates the correct file path for it. In the [Program Options](#) of **HM XColdo** you may specify default values for the file pathes of these two resource files. Verify these settings.

Missing paragraph and character formatings

The Web browser doesn't show an error message. But the 'HM Collection' document is displayed in the Web browser just as plain text, so without paragraph and character formatings.

Cause:

The Web browser has no access rights to the *XSLT stylesheet* (XSLT transformation file) needed for displaying the document or one of the resource files referenced from it.

Correction:

If this problem occurs under Windows Vista or later when using the browser Firefox 3.0 or higher, you have to set the Firefox program option '`security.fileuri.strict_origin_policy`' to false. For detailed information see chapter "Firefox Browser Configuration" in the **Readme** file of **HM XColdo**.

This problem does not occur with MS Internet Explorer at the moment. Other Web browser may have similar program options like Firefox 3.0.

Wrong 'HM Collection' namespace

Web browser error message:

```
XSLT Transformation Error: Wrong collection namespace.
```

Cause:

The namespace of the 'HM Collection' document (XML file) doesn't match the namespace of the XSLT stylesheet (XSLT transformation file) referred to in the XML file.

Either the XML file is not an 'HM Collection' document and uses erroneously an 'HM Collection' XSLT stylesheet for displaying or the XML file is an 'HM Collection' document which uses another version of the 'HM Collection' namespace as the referred XSLT stylesheet.

Correction:

Open the XML file in a text editor and verify if it is an 'HM Collection' document. An 'HM Collection' document must have a root element named `collection` and this root element must have an `xmlns` attribute containing an 'HM Collection' namespace. An 'HM Collection' namespace is always '`urn:HMSE/XMLSchemas/Collection/1.0`', the version number at the end may vary.

If the XML file is not an 'HM Collection' document, modify the URL of the `href` attribute in the line '`<?xml-stylesheet type="text/xsl" href="..." ?>`' at the beginning of the XML file to referring to a suitable XSLT stylesheet.

If the XML file is an 'HM Collection' document, modify the URL of the `href` attribute in the line '`<?xml-stylesheet type="text/xsl" href="..." ?>`' at the beginning of the XML file to referring to a suitable 'HM Collection' XSLT stylesheet containing a namespace with a matching version number. The referred XSLT transformation file was probably replaced by another version.

To determine the namespace version of an 'HM Collection' XSLT stylesheet open its XSLT transformation file in a text editor. The root element `xsl:stylesheet` contains an `xmlns` attribute with the 'HM Collection' namespace '`urn:HMSE/XMLSchemas/Collection/1.0`' ending with the version number you are looking for. The version number at the end may vary.



The W3C XML schema definition for 'HM Collection' documents:

```
<?xml version="1.0" encoding="UTF-8"?>

<xs:schema targetNamespace="urn:HMSE/XMLSchemas/Collection/1.0"
  xmlns:xs="http://www.w3.org/2001/XMLSchema"
  xmlns="urn:HMSE/XMLSchemas/Collection/1.0"
  elementFormDefault="qualified">

  <xs:annotation>
    <xs:documentation>'HM Collection' XML Schema, Version 1.0</xs:documentation>
  </xs:annotation>

  <xs:element name="collection" type="CollectionElemType" />

  <xs:complexType name="CollectionElemType">
    <xs:sequence>
      <xs:element name="comment" type="CommentElemType" minOccurs="0" maxOccurs="1" />
      <xs:element name="toc" type="TocElemType" minOccurs="0" maxOccurs="1" />
      <xs:element name="group" type="GroupElemType" minOccurs="0" maxOccurs="unbounded" />
    </xs:sequence>
    <xs:attribute name="caption" type="xs:token" use="optional" />
    <xs:attribute name="style" type="xs:anyURI" use="optional" />
    <xs:attribute name="levels" type="LevelsAttrType" use="required" />
    <xs:attribute name="numbering" type="NumberingAttrType" use="optional" />
    <xs:attribute name="indent" type="IndentAttrType" use="optional" />
  </xs:complexType>

  <xs:complexType name="TocElemType">
    <xs:sequence>
      <xs:element name="image" type="ImageElemType" minOccurs="0" />
    </xs:sequence>
    <xs:attribute name="level" type="LevelAttrType" use="required" />
    <xs:attribute name="indent" type="IndentAttrType" use="optional" />
    <xs:attribute name="caption" type="xs:token" use="optional" />
  </xs:complexType>

  <xs:complexType name="GroupElemType">
    <xs:sequence>
      <xs:element name="comment" type="CommentElemType" minOccurs="0" maxOccurs="1" />
      <xs:element name="subgroup" type="SubgroupElemType" minOccurs="0" maxOccurs="unbounded" />
    </xs:sequence>
    <xs:attribute name="caption" type="xs:token" use="optional" />
  </xs:complexType>

  <xs:complexType name="SubgroupElemType">
    <xs:sequence>
      <xs:element name="comment" type="CommentElemType" minOccurs="0" maxOccurs="1" />
      <xs:element name="item" type="ItemElemType" minOccurs="0" maxOccurs="unbounded" />
    </xs:sequence>
    <xs:attribute name="caption" type="xs:token" use="optional" />
  </xs:complexType>

  <xs:complexType name="ItemElemType">
    <xs:sequence>
      <xs:element name="comment" type="CommentElemType" minOccurs="0" maxOccurs="1" />
      <xs:element name="property" type="PropertyElemType" minOccurs="0" maxOccurs="unbounded" />
    </xs:sequence>
    <xs:attribute name="caption" type="xs:token" use="optional" />
    <xs:attribute name="layout" type="LayoutAttrType" use="optional" default="matrix" />
    <xs:attribute name="colon" type="xs:boolean" use="optional" default="true" />
    <xs:attribute name="fullwidth" type="xs:boolean" use="optional" default="true" />
  </xs:complexType>

  <xs:complexType name="PropertyElemType">
    <xs:choice>
      <xs:element name="value" type="ValueElemType" />
      <xs:element name="image" type="ImageElemType" />
      <xs:element name="link" type="LinkElemType" />
      <xs:element name="namelink" type="NamelinkElemType" />
      <xs:element name="comment" type="CommentElemType" />
      <xs:element name="list" type="ListElemType" />
    </xs:choice>
    <xs:attribute name="name" type="xs:token" use="required" />
  </xs:complexType>

  <xs:simpleType name="ValueElemType">
    <xs:restriction base="xs:token" />
  </xs:simpleType>

  <xs:complexType name="ImageElemType">
```

```

<xs:attribute name="caption" type="xs:token" use="optional" />
<xs:attribute name="url" type="xs:anyURI" use="required" />
<xs:attribute name="width" type="WidthType" use="optional" />
<xs:attribute name="height" type="WidthType" use="optional" />
<xs:attribute name="title" type="xs:string" use="optional" />
</xs:complexType>

<xs:complexType name="LinkElemType">
  <xs:simpleContent>
    <xs:extension base="xs:string">
      <xs:attribute name="url" type="xs:anyURI" use="required" />
      <xs:attribute name="title" type="xs:string" use="optional" />
    </xs:extension>
  </xs:simpleContent>
</xs:complexType>

<xs:complexType name="NamelinkElemType">
  <xs:sequence>
    <xs:element name="comment" type="CommentElemType" />
  </xs:sequence>
  <xs:attribute name="url" type="xs:anyURI" use="required" />
  <xs:attribute name="title" type="xs:string" use="optional" />
</xs:complexType>

<xs:complexType name="CommentElemType">
  <xs:sequence>
    <xs:element name="p" type="ParagraphElemType" minOccurs="0" maxOccurs="unbounded" />
  </xs:sequence>
</xs:complexType>

<xs:complexType name="ParagraphElemType" mixed="true">
  <xs:choice minOccurs="0" maxOccurs="unbounded">
    <xs:element name="b" type="BoldElemType" />
    <xs:element name="i" type="ItalicElemType" />
    <xs:element name="u" type="UnderlineElemType" />
  </xs:choice>
  <xs:attribute name="align" type="AlignAttrType" use="optional" default="left" />
</xs:complexType>

<xs:complexType name="BoldElemType" mixed="true">
  <xs:choice minOccurs="0" maxOccurs="unbounded">
    <xs:element name="i" type="ItalicElemType" />
    <xs:element name="u" type="UnderlineElemType" />
  </xs:choice>
</xs:complexType>

<xs:complexType name="ItalicElemType" mixed="true">
  <xs:choice minOccurs="0" maxOccurs="unbounded">
    <xs:element name="b" type="BoldElemType" />
    <xs:element name="u" type="UnderlineElemType" />
  </xs:choice>
</xs:complexType>

<xs:complexType name="UnderlineElemType" mixed="true">
  <xs:choice minOccurs="0" maxOccurs="unbounded">
    <xs:element name="b" type="BoldElemType" />
    <xs:element name="i" type="ItalicElemType" />
  </xs:choice>
</xs:complexType>

<xs:complexType name="ListElemType">
  <xs:choice>
    <xs:sequence>
      <xs:element name="value" type="ValueElemType" maxOccurs="unbounded" />
    </xs:sequence>
    <xs:sequence>
      <xs:element name="image" type="ImageElemType" maxOccurs="unbounded" />
    </xs:sequence>
    <xs:sequence>
      <xs:element name="link" type="LinkElemType" maxOccurs="unbounded" />
    </xs:sequence>
  </xs:choice>
  <xs:attribute name="layout" type="ListLayoutAttrType" use="optional" default="matrix" />
  <xs:attribute name="columns" type="xs:positiveInteger" use="optional" default="1" />
</xs:complexType>

<xs:simpleType name="LevelsListType">
  <xs:list itemType="xs:NMTOKEN" />
</xs:simpleType>

<xs:simpleType name="LevelsAttrType">
  <xs:restriction base="LevelsListType">
    <xs:length value="3" />
  </xs:restriction>
</xs:simpleType>

<xs:simpleType name="NumberingType">

```

```

    <xs:restriction base="xs:token">
      <xs:pattern value="(1|01|a|A|i|I)[.]]?|none" />
      <xs:whiteSpace value="collapse" fixed="true" />
    </xs:restriction>
  </xs:simpleType>

  <xs:simpleType name="NumberingListType">
    <xs:list itemType="NumberingType" />
  </xs:simpleType>

  <xs:simpleType name="NumberingAttrType">
    <xs:restriction base="NumberingListType">
      <xs:length value="3" />
    </xs:restriction>
  </xs:simpleType>

  <xs:simpleType name="WidthType">
    <xs:restriction base="xs:string">
      <xs:pattern value="\d+(\.\d+)*(pt|pc|in|mm|cm|px|em|ex|%)*" />
      <xs:whiteSpace value="collapse" fixed="true" />
    </xs:restriction>
  </xs:simpleType>

  <xs:simpleType name="WidthListType">
    <xs:list itemType="WidthType" />
  </xs:simpleType>

  <xs:simpleType name="IndentAttrType">
    <xs:restriction base="WidthListType">
      <xs:length value="3" />
    </xs:restriction>
  </xs:simpleType>

  <xs:simpleType name="LevelAttrType">
    <xs:restriction base="xs:integer">
      <xs:minInclusive value="0" />
      <xs:maxInclusive value="3" />
    </xs:restriction>
  </xs:simpleType>

  <xs:simpleType name="AlignAttrType">
    <xs:restriction base="xs:NMTOKEN">
      <xs:enumeration value="left" />
      <xs:enumeration value="center" />
      <xs:enumeration value="right" />
      <xs:enumeration value="justify" />
    </xs:restriction>
  </xs:simpleType>

  <xs:simpleType name="LayoutAttrType">
    <xs:restriction base="xs:NMTOKEN">
      <xs:enumeration value="matrix" />
      <xs:enumeration value="grid" />
      <xs:enumeration value="simplelist" />
      <xs:enumeration value="numberedlist" />
      <xs:enumeration value="dottedlist" />
      <xs:enumeration value="simpleheadinglist" />
      <xs:enumeration value="numberedheadinglist" />
      <xs:enumeration value="dottedheadinglist" />
    </xs:restriction>
  </xs:simpleType>

  <xs:simpleType name="ListLayoutAttrType">
    <xs:restriction base="xs:NMTOKEN">
      <xs:enumeration value="matrix" />
      <xs:enumeration value="grid" />
      <xs:enumeration value="simplelist" />
      <xs:enumeration value="numberedlist" />
      <xs:enumeration value="dottedlist" />
    </xs:restriction>
  </xs:simpleType>
</xs:schema>

```



For the 'HM Collection' document samples described below, see the 'Examples' subfolder of the target folder **HM XColdo** is installed in.

To view a sample document, just open it in your preferred Web browser. If you want to edit a sample document with **HM XColdo**, don't do it directly in the 'Examples' subfolder, because of the usually missing write permission there. Instead, copy the whole subfolder 'Examples' to your *personal folder* (e.g. 'My Documents') and there remove the read-only attribute of the sample documents, if needed.

Sample document 'Tutorial.xml'

This document is the final 'HM Collection' document created in the [tutorial](#) of **HM XColdo**.

To view this sample document in your favorite browser, click [here](#).

Sample document 'Collection.xml'

This document does not contain a concrete example, but lists clearly most of the opportunities that a 'HM Collection' document offers for text structure and layout. You can use it as a reference, if you are creating a new 'HM Collection' document.

To view this sample document in your favorite browser click [here](#).



Overview

- [Copyright](#)
- [License Terms](#)



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1. Definitions.

- (a) The term "Licensor" means "Dipl.-Ing. Martin Haller, Software-Engineering & EDV-Beratung" and its suppliers.
- (b) The term "Software" means the enclosed Licensor's software product and the related documentation and all related updates.
- (c) The term "registration code" in this document means the data technical representation of a valid license according to point 5 of this agreement, whatever shape it has (activation code, license number, license file or others)

The unregistered shareware version may be freely distributed, provided that:

- Such distribution includes only the original archive supplied by the Licensor. You may not alter, delete or add any files in the distribution archive.
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- No money is charged to the person receiving the Software, beyond reasonable cost of packaging and other overhead.



Overview

- [Order / Payment](#)
- [Delivery](#)
- [Activation](#)



Subject of the Contract of Sale

On paying the purchase price (registration fee) you purchase a **user license** for the full version of the program. The terms of the enclosed [End User License Agreement](#) are effective upon installation of the software.

Purchase Price / Registration Fee

The price indicated in the various download archives of the Internet is a target price. Dependent on currency exchange rates and the currentness of the web pages in the download archives the real price can differ slightly from this target price.

For the currently **valid purchase price** refer to the [Online Product Page](#)  in the **Share*It! Online Shop**.

Order / Payment

For order and payment of a **single user license** you can choose between the ways mentioned below. Each of these ways offer different types of payment. The purchase price is independent of the type of ordering and payment you select.

If you want to use the program on multiple workstations you should request for information about the low-cost and easy to handle **multi-user licenses**. Send your email request directly to the [HMSE Sales](#).

Companies within the European Union can order tax-free by using their VAT-No.

Order Types

Ordering via Share*It! / Digital River

ShareIt is a world-wide acting software distribution company selling the software of many software developers as a reseller. Which means, when selecting this way of ordering the contract of sale is made between you and ShareIt. Likewise, accounting and payment processing is handled by ShareIt.

ShareIt offers a fast **online order** and you can order by email, letter, phone or fax too. For payment you can choose between a multitude of payment types (all possible credit cards, transfer, check, cash, online payment, PayPal) and currencies.

► [Further information on ordering at ShareIt](#)

Ordering Directly at the Software Developer

Residents within the European Community can order directly at the software developer **HMSE**. When selecting this way of ordering the contract of sale is made between you and HMSE. In this case accounting and payment processing is handled by HMSE.

You can order by email, letter, phone or fax. Please note, when using this way of ordering, accounting and payment processing is possible in Euro solely. You can choose between the payment types EU standard transfer, collection only check or cash. Payment by credit cards is not possible.

Note: Companies, organisations and public institutions which are residents within the European Community and which are only allowed to **buy on account** due to existing regulations and legal provisions, should choose this way of ordering.

► [Further information on ordering at HMSE](#)



Order Procedure

Detailed information on the order and payment procedure at ShareIt you will find online in the [ShareIt Customer Care Center](#) ➡.

If you have questions beyond or need further information please contact ShareIt directly: register@shareit.com.

Possible Types of Ordering

Online Order via Internet: [Online order form](#) ➡

Ordering online is the **fastest way** to order the program and is handled via **secure web pages**. All information needed for ordering is available directly in the online order form and you can choose between different currencies, payment types, and so on.

Alternative to the link above, to display the online order form you can go to www.shareit.com ➡ and enter the [ShareIt Program Number](#) into the input field 'searching for programs' at the bottom left of the screen.

Order by Letter/Fax/Email: [Orderform for printing](#)

Fill in the order form completely and send/fax/mail it to:

ShareIt! / Digital River GmbH	Phone: +49-221-31088-20
Vogelsanger Strasse 78	Fax: +49-221-31088-29
D-50823 Koeln	Email: register@shareit.com
Germany	Internet: www.shareit.com ➡

Order by Phone: +49-221-31088-20

Employees of the ShareIt call center, Koeln, Germany, will accept your order.

Customers in the United States and Canada may also order by calling the toll-free number 1-800-903-4152 of the US call center of ShareIt around the clock.



Order Procedure



Due to organizational reasons this way of ordering is possible only for residents within the European Community.

To order directly at the software developer **HMSE** send your order by email, letter, phone or fax to:

Dipl.-Ing. Martin Haller	Phone: +43-5372-68504
Software-Engineering & EDV-Beratung	Fax: +43-5372-68504
Langkampfner Strasse 19	Email: sales@hmse.cjb.net
A-6330 Kufstein / Austria	Internet: http://hmse.cjb.net

Your order should contain the following **ordering data**:

- Your name, address and email:
Giving a valid email address is absolutely obligatory because the whole order procedure and delivery will be made by email.
- Your VAT number (only for companies within the EU, if available).
- The payment type you want:
You can choose between the following payment types: EU standard transfer, collection only check or cash. If you want an other payment type, please select an other [order type](#).
- Name and version number of the program:
See the [product information](#) for these data.
- The number of licenses you want to order:
You need a license for each computer you want to install and use the program.
- The registration data the license should be made out, once for each license ordered. For further information see [here](#).

To simplify the procedure you can use the enclosed [order form](#), print it and fill it out.

Order Confirmation

After receipt of your order you will receive an order confirmation by email containing an unique **order number**, the **total amount** to pay as well as further information on the payment type you have selected (bank infos, and so on).

Payment

Please understand, due to organizational reasons we can accept your payment in Euro only. If you want to pay in an other currency please select an other [order type](#). Possible exchange and transfer costs of the payment process are at your expense. To speed up the order processing it is **important** to give the **order number** from the order confirmation you have received as additional payment information.

Please note, that the contract of sale will not become operative until receipt of payment of the full total amount indicated in the order confirmation. Payment before [delivery](#) is world-wide the common practice when ordering shareware.

Buy on Account

This order type is intended for companies, organisations and public institutions only which are residents within the European Community and which are only allowed to buy on account due to existing regulations and legal provisions.

In this case please transmit your order containing your internal order number and signature and the other ordering data (see above) in written form by letter or fax. After receipt and verification of your order you will receive the delivery together with the order confirmation.



In your order give the following **registration data** once for *each license* ordered:

- Username:
First name and last name of the licensee or other name.
- Organization (may be empty for privat persons):
Name of organization the licensee belongs to.



After receipt of your [order and payment](#) you will receive your **user license** by email as soon as possible (on online ordering usually within 2 days).

The delivery of the user license will take place in form of a **license letter** containing your *license number* (activation code) and instructions how to activate the license and to convert the shareware version of the program to it's full version. **Attached** to the license letter you will find an encrypted *license file* which is required for the [activation](#).

Additionally, in the next days the vendor will send you an invoice and by cash with order a confirmation of receipt of payment.

Note:

The program itself (the software) you have already downloaded to your computer, installed and tested as shareware version. As the shareware version is identical with the full program version, the software is not delivered once again. On [activation](#) of the shareware version all restricted program features are unlocked so that you can use the full programm unrestrictedly.

If you have not yet installed the shareware version of the program on your computer you can download it from the [Product Homepage](#) or from other shareware web sites.



To **activate** a license with the unregistered shareware version of the application:

1. Under Windows NT/2000/XP/2003/Vista/7 and later log on to your computer with an **administrator account**.

Note: To find out which user account of your computer is an administrator account, open **User Accounts** in Windows **Control Panel**. Then if needed, restart your computer and log on to Windows with an administrator account.

2. First of all make a **backup** of the license you have received from the licenser. Back up the license number as well as the license file.
3. Then save the **license file** to the program folder of the application. Alternatively you can save it to any other folder on your computer.

Note: If you have created several user accounts on your computer and want to use the program under several user accounts too, do not save the license file to the folder 'My Documents' but to a folder readable by all users. A license is valid for all user accounts on a computer and is automatically activated for all users.

4. Open the Windows **Start** menu and click '**All Programs**', click the *program group of the application* and then the program shortcut '**License Activation**'.
5. In the **License Activation** window click the button '**Start**' to open the '**License Activation**' dialog.
6. In the '**License Activation**' dialog enter all license information exactly the same as specified in the license you have got from the licenser. **Note, the values are case-sensitive.**
7. Click the button '**Activate**'. The license you have entered will be verified and activated. A message box will display the validity of the license. Close the message box.

Note: If the message box shows that the license could not be activated, verify the license information you have entered and correct them if needed. Then repeat the license activation.

8. Close the '**License Activation**' dialog.
9. Restart the application as usual. All of its features are unlocked now.

