HiCAD

UNLIMITED CAD PERFORMANCE **DEVELOPED BY ISD**

HiCAD / HELiOS

Version 2024

Creating/Editing of Configuration Templates

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THE WORLD OF CAD AND PDM SOLUTIONS

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Working with User-Defined Configuration Templates

HiCAD can be individually adjusted to customer-specific needs via a multitude of parameters. Most of these adjustments can be saved in the form of so-called "configuration templates". You can then use your own, company-specific configurations instead of the predefined ISD configurations.

HiCAD can be adapted to individual, customer-specific requirements via a multitude of parameters. Most of these adjustments can be saved to so-called “Configuration templates”. You can then use your own, company-specific configurations instead of the predefined ISD configurations supplied with the software.

The following settings can be specified via configuration templates:

- **Settings from DAT files**
  All settings which can be made via the DAT files of the HiCAD SYS directory can also be specified in the configuration templates.
- **Using your own FGA files**
  You can also use your own drawing frames instead of the predefined ISD drawing frames and title bocks supplied with the software (these are available as FGA files in the SZENEN subdirectory). Please note that they need to be available in the FGA format and have the same name as the original file.
- **Using your own RMS files or RM_SETTINGS**
  RMS or RM_SETTINGS files contain the BOM settings for the Report Manager. The original ISD files are located in the SYS subdirectory of HiCAD.
  - ***.RMS** files for the old **Report Manager**
  - ***.RM_SETTINGS** for the **ISD Report Manager** as of version 2023.
- **Using your own XML files**
  XMSfiles determine the layout of the dialogue masks during working with the HELIOS PDM functions. The original files are located in the Resources\masks subdirectory of HiCAD.
- **Using your own files in other formats**
  In addition to the above mentioned files, you can also use FTD files (annotation settings), HDB and HDX files (e.g. attribute masks). The original files are located in the SYS subdirectory of HiCAD.
- **Variables of the Configuration Manager (as of Version 1700)**
  The assigning of configurations created with the HiCAD Configuration Manager (ISDConfigEditor.exe) to variables can be modified.
- **Completing Registry entries**
  Particular, HiCAD-specific entries in the Windows Registry can be changed as well. They can, for example, be filled with values (Dword) or texts (String).

Changes and adjustments going beyond the possibilities described in this document can be offered as consulting services - please feel free to contact us!

Please note:

The Configuration Editor allows the definition of customer-specific configurations for a wide variety of use cases, such as dimensioning, annotations, workshop drawing generation or fitting of vertical ladders. Once

adjusted to company-specific requirements, these configurations can directly be used in the end user's HiCAD applications without having to define any further settings. The configurations should only be created or modified by experienced users.

Creating/Editing of Configuration Templates

Configuration templates are CSV files that you create/edit with Microsoft Excel. To create a new template, start Excel and create a new table. Each row of the table represents

- The change of an entry in a DAT file,
- The change of a variable via Configuration Manager (as of Version 1700),
- The use of a user-defined FGA-, XML- , RMS-, FTD file, or
- The change or filling in of a Registry entry.

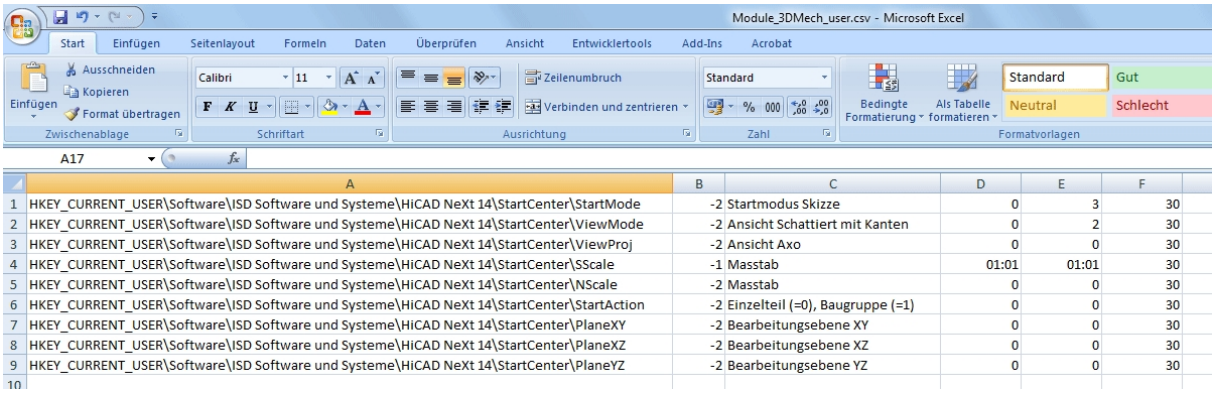
The following columns will be used:

Column	Content
A	Name of the file to be changed, including the name of the HiCAD subdirectories, e.g. Resources\masks\example.XML If you want to fill in a Registry entry, the complete Registry path, starting with the root directory, needs to be specified, e.g. HKEY_LOCAL_MACHINE\SOFTWARE\ISD Software und Systeme\HiCAD\3\NewPmu If you want to change the variable of a configuration that was created via the Configuration Editor, you need to specify the name of the variable with the complete path (key names!). DRAWING\ANNOTATIONS\SYSTEMTRIANGLE\TEXTPOS_DY
B	This column contains a code that determines the handling of the file in the column: >0 If the file specified in column A is a DAT file, the number of the line of the DAT file to be changed needs to be entered here. (TIP: In the Windows Editor the line number is shown if the line break option is deactivated!) -10 Select this code if you want to use your own FGA, RMS or XML file. -12 Changing of a text variable of a configuration created via Configuration Editor -13 Changing of a number variable of a configuration created via Configuration Editor -14 Array of Integer values for the Configuration Editor. Each single value is separated from the previous value by a whitespace. -15 Array of String values for the Configuration Editor. Each single string must begin and with an exclamation mark and is separated by the previous string by a whitespace. Example: SYSTEM.Referencing.PART_ATTRIB_REF3D;-15; Comment;"Default1" "Default2" ;"Set1" "Set2" "Set3";3 -1 Filling in of a Registry entry of the type String -2 Filling in of a Registry entry of the type Dword
C	Here you can enter an arbitrary text describing the corresponding setting.

Column	Content
D	If you have entered a DAT file, a Registry entry or the name of a configuration variable in column A, enter in column D the standard value (default) of the setting/variable. For other files, the name of the original file needs to be entered here, including the name and the HiCAD subdirectory path. The original ISD files are located in the HiCAD sub-directory TEMPLATES\DEFAULT\SYS.
E	If you have entered a DAT file, a Registry entry or the name of a configuration variable in column A, enter in column E the changed value, i.e. the value that you want to use as the new pre-setting. For other files, enter the name of the file to replace the current original file here. The content of this file will then be copied to the file from column A.
F	This column is not evaluated and can therefore be left empty.

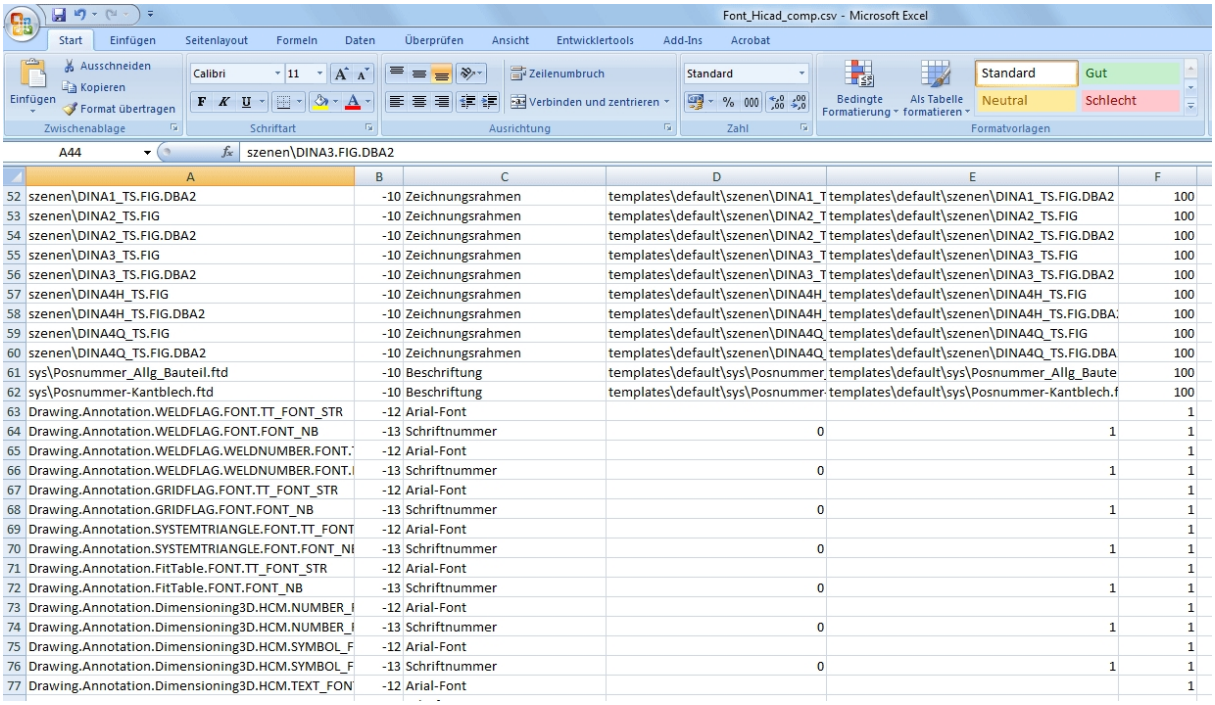
The configuration file must be saved as CSV file.

Example of a CSV file with Registry entries



	A	B	C	D	E	F
1	HKEY_CURRENT_USER\Software\ISD Software und Systeme\HiCAD NeXt 14\StartCenter\StartMode	-2	Startmodus Skizze	0	3	30
2	HKEY_CURRENT_USER\Software\ISD Software und Systeme\HiCAD NeXt 14\StartCenter\ViewMode	-2	Ansicht Schattiert mit Kanten	0	2	30
3	HKEY_CURRENT_USER\Software\ISD Software und Systeme\HiCAD NeXt 14\StartCenter\ViewProj	-2	Ansicht Axo	0	0	30
4	HKEY_CURRENT_USER\Software\ISD Software und Systeme\HiCAD NeXt 14\StartCenter\SScale	-1	Masstab	01:01	01:01	30
5	HKEY_CURRENT_USER\Software\ISD Software und Systeme\HiCAD NeXt 14\StartCenter\NScale	-2	Masstab	0	0	30
6	HKEY_CURRENT_USER\Software\ISD Software und Systeme\HiCAD NeXt 14\StartCenter\StartAction	-2	Einzelteil (=0), Baugruppe (=1)	0	0	30
7	HKEY_CURRENT_USER\Software\ISD Software und Systeme\HiCAD NeXt 14\StartCenter\PlaneXY	-2	Bearbeitungsebene XY	0	0	30
8	HKEY_CURRENT_USER\Software\ISD Software und Systeme\HiCAD NeXt 14\StartCenter\PlaneXZ	-2	Bearbeitungsebene XZ	0	0	30
9	HKEY_CURRENT_USER\Software\ISD Software und Systeme\HiCAD NeXt 14\StartCenter\PlaneYZ	-2	Bearbeitungsebene YZ	0	0	30
10						

Example of a CSV file with file entries



	A	B	C	D	E	F
52	szenen\DINA1_TS.FIG.DBA2	-10	Zeichnungsrahmen	templates\default\szenen\DINA1_T	templates\default\szenen\DINA1_TS.FIG.DBA2	100
53	szenen\DINA2_TS.FIG	-10	Zeichnungsrahmen	templates\default\szenen\DINA2_T	templates\default\szenen\DINA2_TS.FIG	100
54	szenen\DINA2_TS.FIG.DBA2	-10	Zeichnungsrahmen	templates\default\szenen\DINA2_T	templates\default\szenen\DINA2_TS.FIG.DBA2	100
55	szenen\DINA3_TS.FIG	-10	Zeichnungsrahmen	templates\default\szenen\DINA3_T	templates\default\szenen\DINA3_TS.FIG	100
56	szenen\DINA3_TS.FIG.DBA2	-10	Zeichnungsrahmen	templates\default\szenen\DINA3_T	templates\default\szenen\DINA3_TS.FIG.DBA2	100
57	szenen\DINA4H_TS.FIG	-10	Zeichnungsrahmen	templates\default\szenen\DINA4H_	templates\default\szenen\DINA4H_TS.FIG	100
58	szenen\DINA4H_TS.FIG.DBA2	-10	Zeichnungsrahmen	templates\default\szenen\DINA4H_	templates\default\szenen\DINA4H_TS.FIG.DBA	100
59	szenen\DINA4Q_TS.FIG	-10	Zeichnungsrahmen	templates\default\szenen\DINA4Q_	templates\default\szenen\DINA4Q_TS.FIG	100
60	szenen\DINA4Q_TS.FIG.DBA2	-10	Zeichnungsrahmen	templates\default\szenen\DINA4Q_	templates\default\szenen\DINA4Q_TS.FIG.DBA	100
61	sys\Posnummer_Allg_Bauteil.ftd	-10	Beschriftung	templates\default\sys\Posnummer	templates\default\sys\Posnummer_Allg_Baute	100
62	sys\Posnummer-Kantblech.ftd	-10	Beschriftung	templates\default\sys\Posnummer	templates\default\sys\Posnummer-Kantblech.f	100
63	Drawing.Annotation.WELDFLAG.FONT.TT_FONT_STR	-12	Arial-Font			1
64	Drawing.Annotation.WELDFLAG.FONT.FONT_NB	-13	Schriftnummer	0	1	1
65	Drawing.Annotation.WELDFLAG.WELDNUMBER.FONT.	-12	Arial-Font			1
66	Drawing.Annotation.WELDFLAG.WELDNUMBER.FONT.	-13	Schriftnummer	0	1	1
67	Drawing.Annotation.GRIDFLAG.FONT.TT_FONT_STR	-12	Arial-Font			1
68	Drawing.Annotation.GRIDFLAG.FONT.FONT_NB	-13	Schriftnummer	0	1	1
69	Drawing.Annotation.SYSTEMTRIANGLE.FONT.TT_FONT	-12	Arial-Font			1
70	Drawing.Annotation.SYSTEMTRIANGLE.FONT.FONT_NI	-13	Schriftnummer	0	1	1
71	Drawing.Annotation.FitTable.FONT.TT_FONT_STR	-12	Arial-Font			1
72	Drawing.Annotation.FitTable.FONT.FONT_NB	-13	Schriftnummer	0	1	1
73	Drawing.Annotation.Dimensioning3D.HCM.NUMBER_I	-12	Arial-Font			1
74	Drawing.Annotation.Dimensioning3D.HCM.NUMBER_I	-13	Schriftnummer	0	1	1
75	Drawing.Annotation.Dimensioning3D.HCM.SYMBOL_F	-12	Arial-Font			1
76	Drawing.Annotation.Dimensioning3D.HCM.SYMBOL_F	-13	Schriftnummer	0	1	1
77	Drawing.Annotation.Dimensioning3D.HCM.TEXT_FON	-12	Arial-Font			1

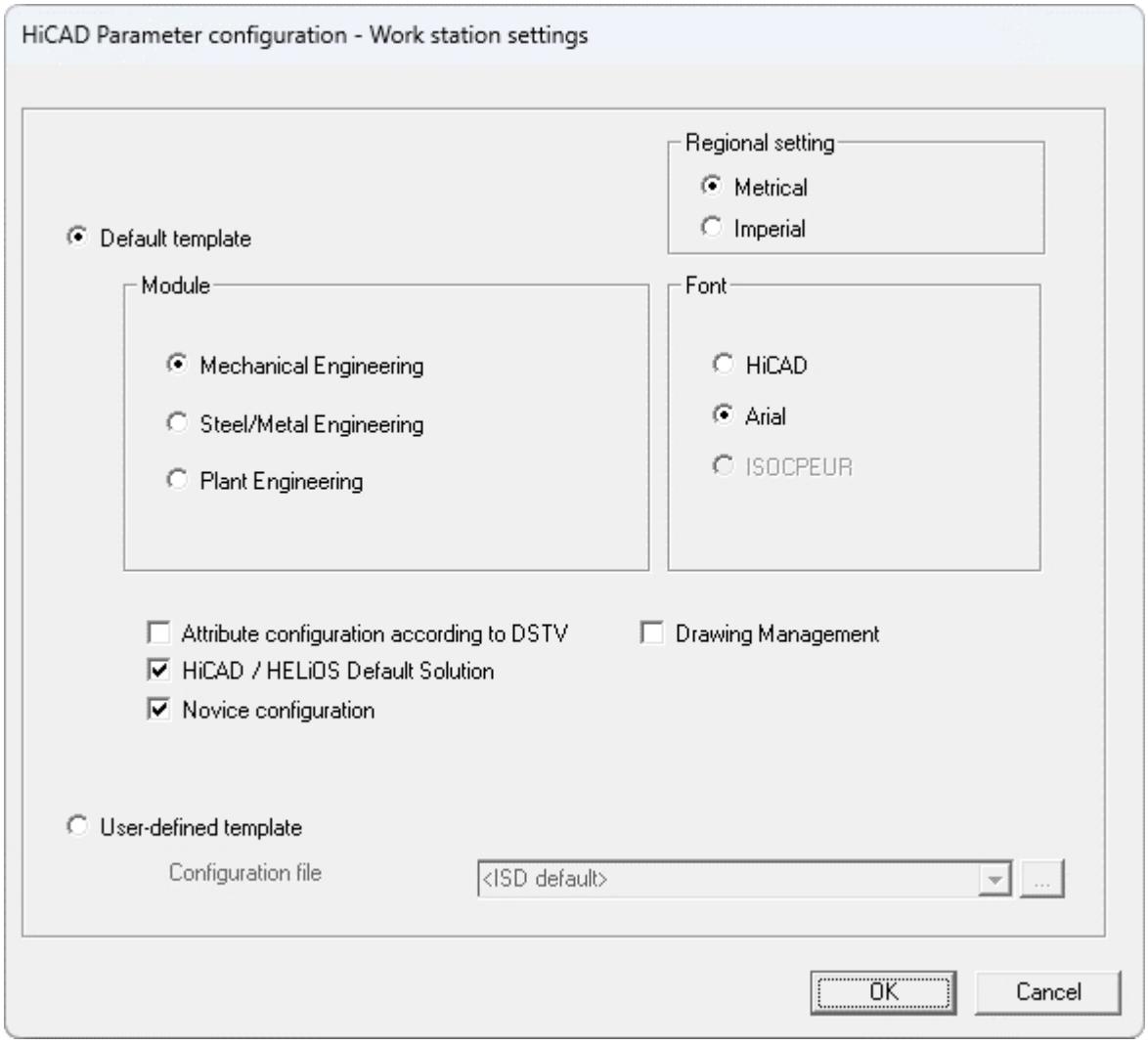
Using Configuration Templates

If you want to use your own configuration template for an already installed HiCAD version, use the

ParKonfigComp.exe

tool in the EXE subdirectory of the HiCAD installation.

This tool enables you to use either ISD standard configurations from the TEMPLATES directory of the HiCAD installation, or user-defined configurations from an arbitrary (network) directory.



Please note the following:

If you activate **Imperial** as the regional setting, the system will automatically switch to imperial, i.e. non-metric units. This applies to:

- units of the drawing,
- dimensions and
- scales.

This means that settings made in the Configuration Editor may be replaced if necessary!

This applies analogously to the regional setting **Metrical**. Here, a conversion to metric units, dimensions

and scales takes place.

Configuration during Installation

When making a new installation, you can directly use the configuration template for pre-setting. For this purpose, the HiCAD Parameter configuration dialogue window is displayed directly during installation.

Please note:

When installing on several systems, it is recommended to configure one system as desired, then create a corresponding CSV file for these settings, and use this file as the configuration for the other installations.

Settings - Overview

Settings	File
Directories	**\hicad\exe\Filegrup.dat** In this file all directories are preset that are internally relevant for HiCAD.
Drawing Frames	**\hicad\szenen\dina*.FGA** Drawing frames predefined by ISD
3-D Referencing	In the Configuration Editor at **... > System Settings > Referencing** Settings for referenced 3-D parts
3-D Modelling	In the Configuration Editor at **... > Modelling** Various 3-D settings, e.g. for grids, part structures, part attributes, weld seams etc.
Bills of >Materials	**\hicad\sys*.RMS** and **\hicad\sys*.RM_SETTINGS** BOM settings for the old Report Manager and the ISD Report Manager as of version 2023.
Print	**\hicad\exe\strichstaerken*.ssf** Assigns selected print colours and/or line widths to HiCAD system colours and drawing colours.
Colours	**\hicad\background*.hcf** Settings for colours and lines
Dimensioning	In the Configuration Editor at **... > Drawing > Annotations > Dimensioning, 3-D, Interactive** General dimensioning parameters. Since Version 2008 it is possible to set the parameters directly via the Dimensioning tab.
General	In the Configuration Editor at **... > System settings** General settings, e.g. data AutoSave interval, visualisation for various element types, time interval for double-click
Text and Annotations	Text parameters In the Configuration Editor at ■ **Drawing > Annotations > Text > Font** ■ **System settings > Annotations > Text** ■ **System settings > Annotations > Text > Preferred text sizes** Annotation parameters **\hicad\sys*.ftd**

Settings	File
Views	In the Configuration Editor at ■ Drawing > Views ■ System settings > Visualisation ■ System settings > Processing plane ■ System settings > Load/Save ■ System settings > Sketches ■ Compatibility ■ Metal Engineering
Lines	In the Configuration Editor at **... > System Settings >2-D Lines** Line attributes, e.g. colour, layer etc.
Start Settings	In the Configuration Editor at **... > System Settings > Start configuration**
Sheet Metal	In the Configuration Editor at **...Sheet Metal**and **Compatibility > 2-D Development**
Steel Engineering	In the Configuration Editor at **... > Steel Engineering**

Customer-Specific Adjustments of HELiOS Context Menus

The CSV files can also be used in conjunction with the PARCONFIGCOMP.EXE or HELIOSCLIENTCONFIG.EXE tool to expand HELiOS context menus (XML files), e.g. in order to integrate programmed KST functions. The PARCONFIGCOMP.EXE or HELIOSCLIENTCONFIG.EXE tool will then automatically generate the complete line in the XML file from the corresponding entries of the CSV file.

This procedure makes sense as customer-specific adjustments to menus will be overwritten in case of an update. By using appropriate CSV files the customer-specific adjustments can then be added again via the PARCONFIGCOMP.EXE or HELIOSCLIENTCONFIG.EXE tool.

Add menu items

Column	Content	
A	Position of new menu item in the following form: XMLFILE::"HIERARCHICAL_IDS"::{POSITION}	
	XMLFILE	Name of the XML file with a relative path in the HiCAD/HELiOS installation directory, e.g. **\Resources\Menus\Helios.PM.List.Article.xml** HiCAD sub-folder \Resources\Menus, File: Helios.PM.List.Article.xml
	HIERARCHICAL_IDS	A path within the XML file leading to the sub-menu to which you want to add the new element. The path consists of the corresponding menu IDs which are separated by the > character. It needs to be in quotation marks " ", e.g. like this: **"Helios.PM.List.Article>General"** Context menu HELiOS Article master **"Helios.PM.List.Article>General>Assignments"** Context menu HELiOS Article master, Sub-menu Assignments If the path is missing, the item will be added to the main menu!
	POSITION	Determines the position of the new menu item in the menu. Allowed entries are: ■ {top} At the start (top) of the menu ■ {bottom} at the end (bottom) or ■ {post:"ID"} with ID being the element after which the new element is to be inserted. If the specified position is not found, {bottom} will be used automatically. The ID needs to be in quotation marks, e.g. like this: **{post:"Helios.Article.Modify"}** for a placing after the entry "Edit article master".
B	-20	This is the code for the insertion of a new entry in the XML file of a HELiOS context menu.

Column	Content	
C		A comment of your choice, e.g. a short description of the KST functionality.
D	-	**The minus sign is a fixed and mandatory value!**
E	KST-Command ID	The desired KST command ID of the customer-specific function, e.g. **ArchHelPrt1c_OnMenu_TryArchiving**. The KST-Command IDs can either be taken from the documentation for the respective KST adjustment or can be received from your contact at the ISD Consulting.
F	1	**"1" is a fixed and mandatory value!**

Please note:

The designation of the command that will be shown in the menu later will be automatically supplied by the KST programming.

Example:

Let us assume that you want to add some KST menu items to the Article context menu **Helios.PM.List.Article.xml**. Three new commands are to be added In the **General** section beneath the **Edit article master...** menu item.

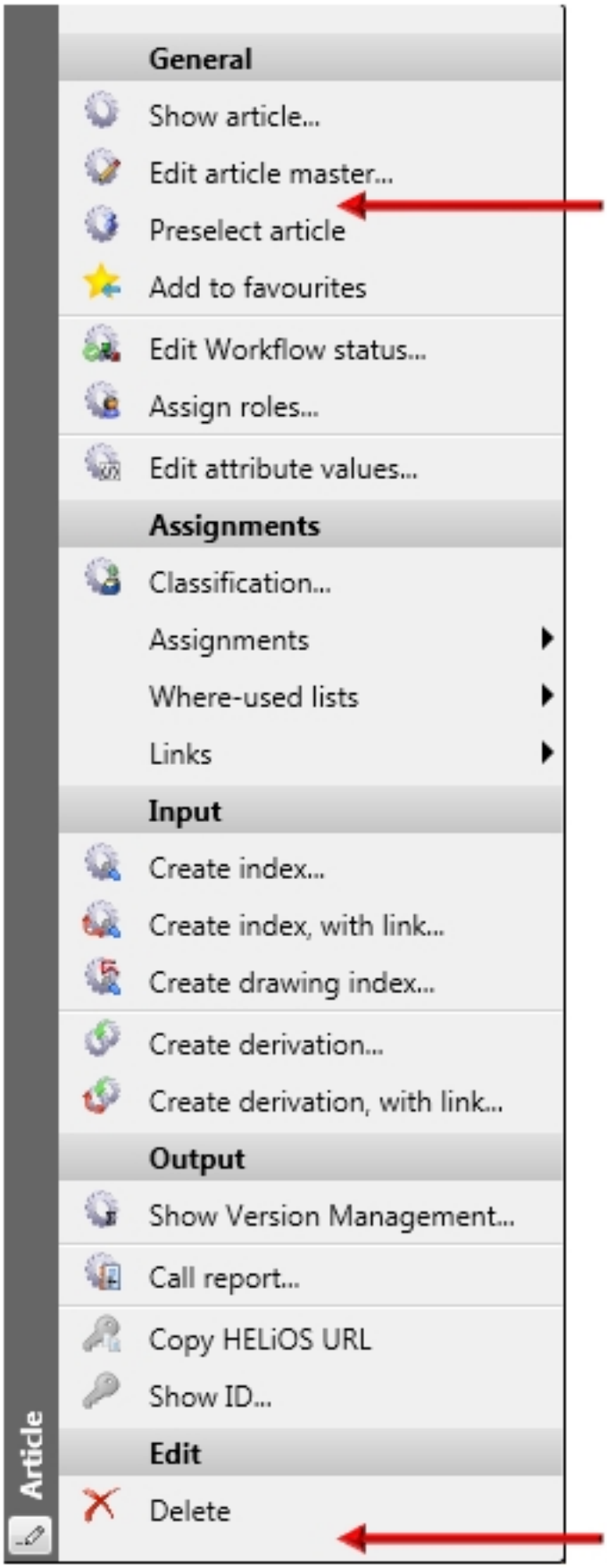
- ArchHelPrt1c_OnMenu_TryArchiving
- ArchHelPrt1b_OnMenu_TryArchiving
- ArchHelPrt1a_OnMenu_TryArchiving

and three further commands at the end of the context menu

- ArchHelPrt2c_OnMenu_TryArchiving
- ArchHelPrt2b_OnMenu_TryArchiving
- ArchHelPrt2a_OnMenu_TryArchiving

Please note:

In the complete XML file the order is reversed.



Context menu for articles

In our example we will create a new CSV file, e.g. HELiOS_KONTEXT with the following content:

In Excel:

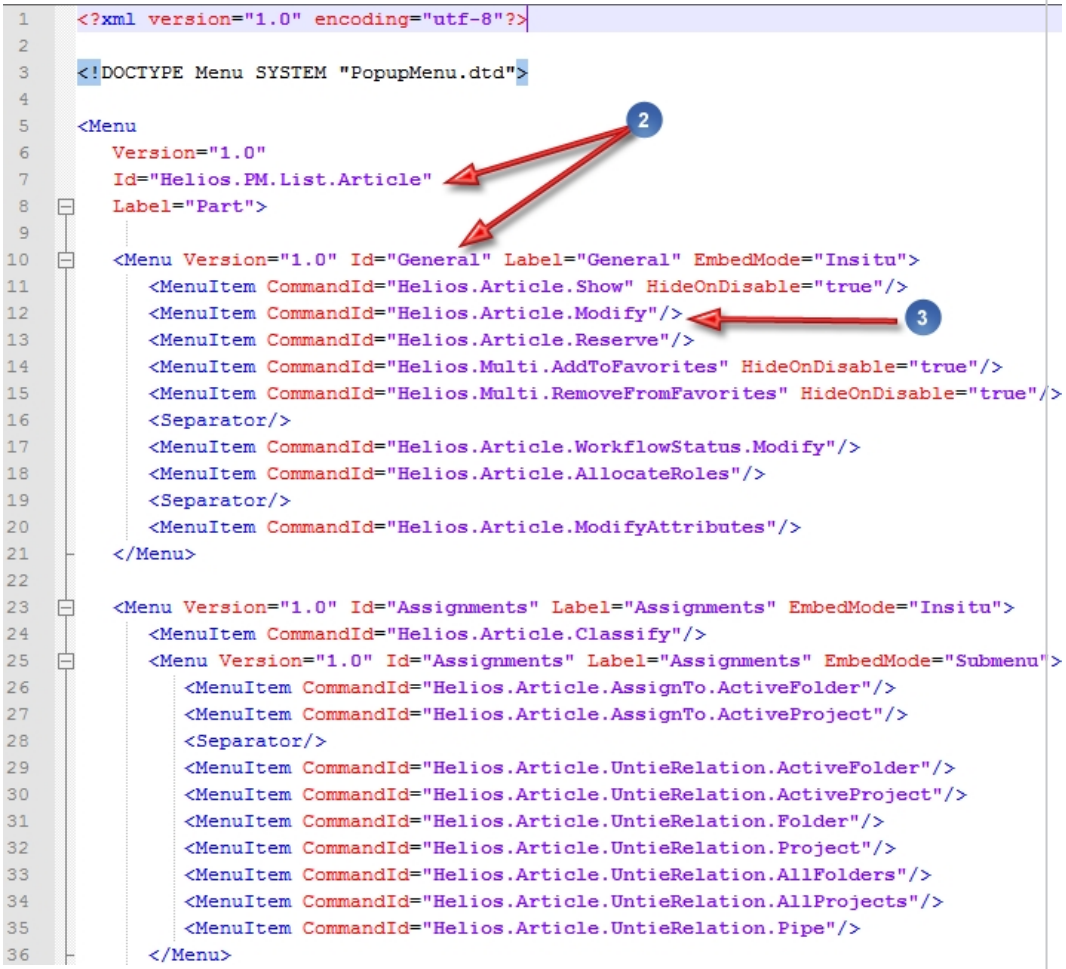
A	B	C	D	E
\Resources\Menus\Helios.PM.List.Article.xml::"Helios.PM.List.Article>General"::{post:"Helios.Article.Modify"}	-20	KST integration	-	ArchHelPrt1c_OnMenu_TryArchiving
\Resources\Menus\Helios.PM.List.Article.xml::"Helios.PM.List.Article>General"::{post:"Helios.Article.Modify"}	-20	KST integration	-	ArchHelPrt1b_OnMenu_TryArchiving
\Resources\Menus\Helios.PM.List.Article.xml::"Helios.PM.List.Article>General"::{post:"Helios.Article.Modify"}	-20	KST integration	-	ArchHelPrt1a_OnMenu_TryArchiving
\Resources\Menus\Helios.PM.List.Article.xml::"Helios.PM.List.Article>General"::{bottom}	-20	KST integration	-	ArchHelPrt2c_OnMenu_TryArchiving
\Resources\Menus\Helios.PM.List.Article.xml::"Helios.PM.List.Article>General"::{bottom}	-20	KST integration	-	ArchHelPrt2b_OnMenu_TryArchiving
\Resources\Menus\Helios.PM.List.Article.xml::"Helios.PM.List.Article>General"::{bottom}	-20	KST integration	-	ArchHelPrt2a_OnMenu_TryArchiving

In Notepad:

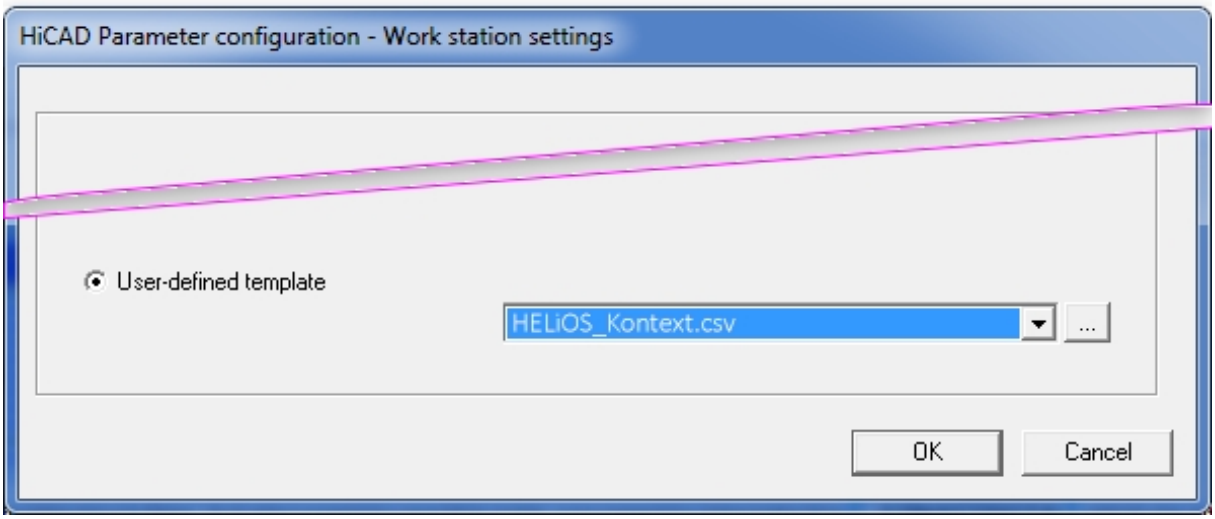
```
1 "\Resources\Menus\Helios.PM.List.Article.xml::""Helios.PM.List.Article>General""::{post:""Helios.Article.Modify""}""";
  -20;KST integration;-;ArchHelPrt1c_OnMenu_TryArchiving;1
2 "\Resources\Menus\Helios.PM.List.Article.xml::""Helios.PM.List.Article>General""::{post:""Helios.Article.Modify""}""";
  -20;KST integration;-;ArchHelPrt1b_OnMenu_TryArchiving;1
3 "\Resources\Menus\Helios.PM.List.Article.xml::""Helios.PM.List.Article>General""::{post:""Helios.Article.Modify""}""";
  -20;KST integration ;-;ArchHelPrt1a_OnMenu_TryArchiving;1
4 "\Resources\Menus\Helios.PM.List.Article.xml::""Helios.PM.List.Article>General""::{bottom}";-20;KST integration
  ;-;ArchHelPrt2c_OnMenu_TryArchiving;1
5 "\Resources\Menus\Helios.PM.List.Article.xml::""Helios.PM.List.Article>General""::{bottom}";-20;KST integration
  ;-;ArchHelPrt2b_OnMenu_TryArchiving;1
6 "\Resources\Menus\Helios.PM.List.Article.xml::""Helios.PM.List.Article>General""::{bottom}";-20;KST
  integration;-;ArchHelPrt2a_OnMenu_TryArchiving;1
```

Please note:

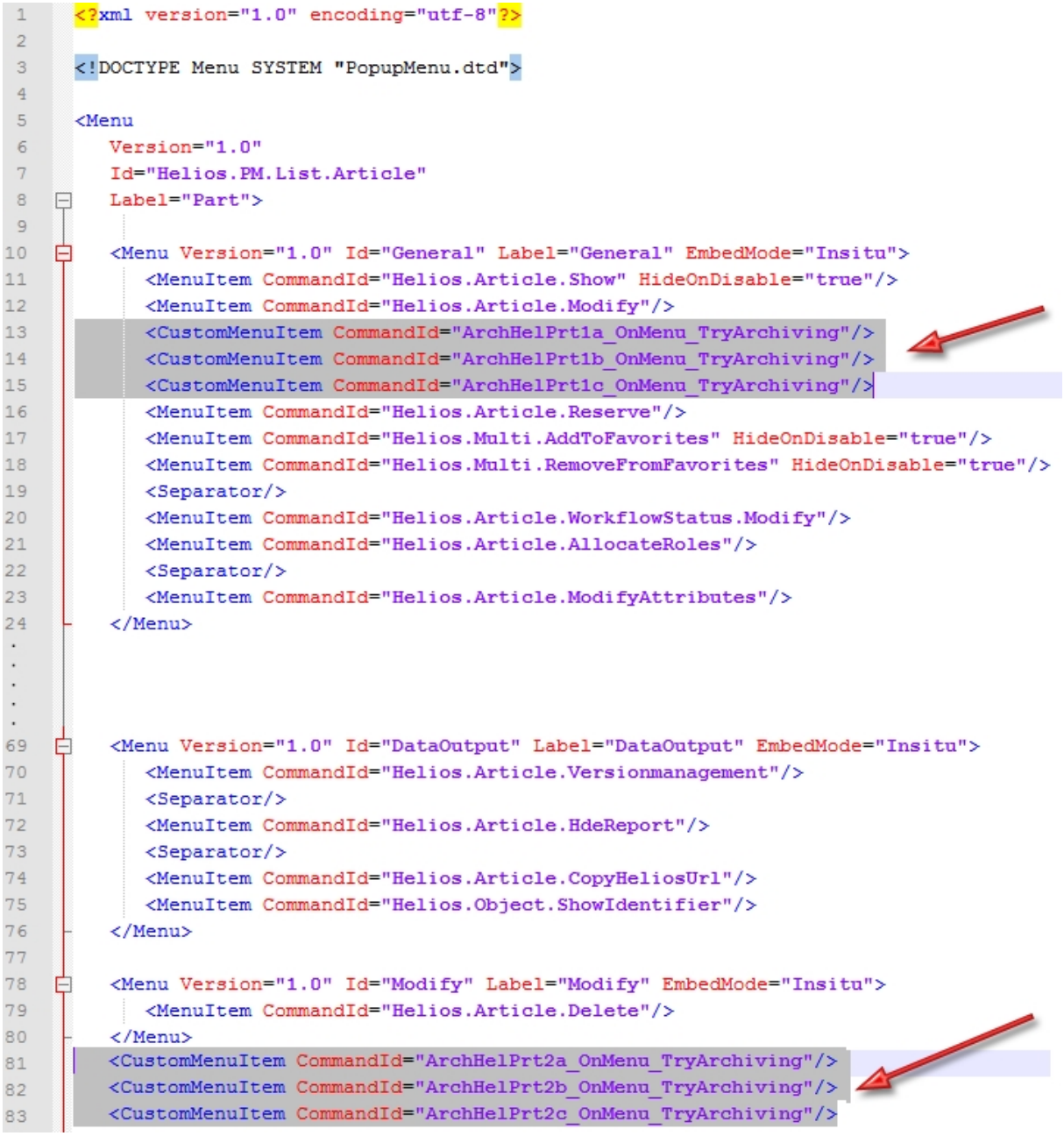
In this example automatic line breaks have been activated.

Column	Content
A	The content consists of 3 parts, which are separated from each other by **::** 1. Name of the menu file incl. the path within the HiCAD or HELiOS folder **\Resources\Menus\Helios.PM.List.Article.xml** 2. Path of the menu ID within the XML file leading to the sub-menu where you want to insert the new element; **"Helios.PM.List.Article>General"**  3. Position of the new menu item, e.g. after the command **Edit article master... → {post:"Helios.Article.Modify"}"** or at the bottom of the menu → **{bottom}**
B	Code for XML: **-20**
C	Short description of the functionality of the KST, e.g. **KST Integration**.
D	**-** **The minus sign is a fixed and mandatory value!**
E	The desired KST command ID,e.g. **ArchHelPrt1c_OnMenu_TryArchiving**
F	**1** **"1" is a fixed and mandatory value!**

To use the file, open the PARKONFIGCOMP or HELIOSCLIENTCONFIG.EXE tool. Select the file and confirm with **OK**.

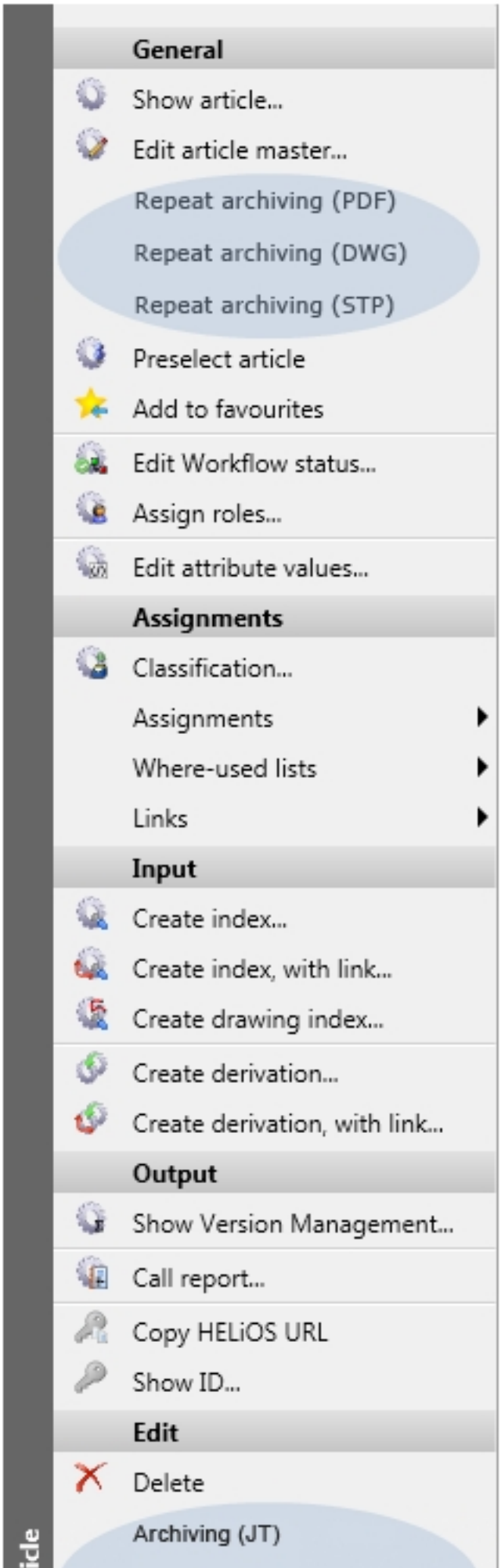


After successful configuration, the XML file will be expanded by the menu items that were added via the CSV file:



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

<!DOCTYPE Menu SYSTEM "PopupMenu.dtd">

<Menu
   Version="1.0"
   Id="Helios.PM.List.Article"
   Label="Part">

   <Menu Version="1.0" Id="General" Label="General" EmbedMode="Insitu">
      <MenuItem CommandId="Helios.Article.Show" HideOnDisable="true"/>
      <MenuItem CommandId="Helios.Article.Modify"/>
      <CustomMenuItem CommandId="ArchHelPrt1a_OnMenu_TryArchiving"/>
      <CustomMenuItem CommandId="ArchHelPrt1b_OnMenu_TryArchiving"/>
      <CustomMenuItem CommandId="ArchHelPrt1c_OnMenu_TryArchiving"/>
      <MenuItem CommandId="Helios.Article.Reserve"/>
      <MenuItem CommandId="Helios.Multi.AddToFavorites" HideOnDisable="true"/>
      <MenuItem CommandId="Helios.Multi.RemoveFromFavorites" HideOnDisable="true"/>
      <Separator/>
      <MenuItem CommandId="Helios.Article.WorkflowStatus.Modify"/>
      <MenuItem CommandId="Helios.Article.AllocateRoles"/>
      <Separator/>
      <MenuItem CommandId="Helios.Article.ModifyAttributes"/>
   </Menu>
.
.
.
.
.
   <Menu Version="1.0" Id="DataOutput" Label="DataOutput" EmbedMode="Insitu">
      <MenuItem CommandId="Helios.Article.Versionmanagement"/>
      <Separator/>
      <MenuItem CommandId="Helios.Article.HdeReport"/>
      <Separator/>
      <MenuItem CommandId="Helios.Article.CopyHeliosUrl"/>
      <MenuItem CommandId="Helios.Object.ShowIdentifier"/>
   </Menu>

   <Menu Version="1.0" Id="Modify" Label="Modify" EmbedMode="Insitu">
      <MenuItem CommandId="Helios.Article.Delete"/>
   </Menu>
   <CustomMenuItem CommandId="ArchHelPrt2a_OnMenu_TryArchiving"/>
   <CustomMenuItem CommandId="ArchHelPrt2b_OnMenu_TryArchiving"/>
   <CustomMenuItem CommandId="ArchHelPrt2c_OnMenu_TryArchiving"/>
```

The corresponding HELiOS menu can then look as follows:


General
Show article...
Edit article master...
Repeat archiving (PDF)
Repeat archiving (DWG)
Repeat archiving (STP)
Preselect article
Add to favourites
Edit Workflow status...
Assign roles...
Edit attribute values...
Assignments
Classification...
Assignments
Where-used lists
Links
Input
Create index...
Create index, with link...
Create drawing index...
Create derivation...
Create derivation, with link...
Output
Show Version Management...
Call report...
Copy HELiOS URL
Show ID...
Edit
Delete
Archiving (JT)

Delete menu items

Cases are conceivable where you want to delete added menu items again, e.g. if

- you want to replace a HELiOS standard function with a KST function, or
- the customer wants to deactivate particular standard functions , or
- if a customer-specific KST entry is to be removed again.

In this case the entries in the CSV file must be composed as follows:

Column	Content	
A	Position of new menu item in the following form: XMLFILE::"HIERARCHICAL_IDS"::"ID"	
	XMLFILE	Name of the XML file with a relative path
	HIERARCHICAL_IDS	A path within the XML file leading to the sub-menu from which you want to delete the new element. The path consists of the corresponding menu IDs which are separated by the > character. It needs to be in quotation marks " ".
	ID	ID of the entry to be deleted. If the ID is not specified, the complete menu section will be deleted.
	Example: **\Resources\Menus\Helios.PM.List.Article.xml ::"Helios.PM.List.Article>General" ::"ArchHelPrt1c_OnMenu_TryArchiving"** deletes the KST entry from the Example in the "Add menu items" paragraph again.	
B	**-21**	This is the code for the deletion of a menu item.
C		A comment of your choice, e.g. the reason why the line is to be deleted.
D	**-**	**The minus sign is a fixed and mandatory value!**
E		This column will not be evaluated an remains empty.
F	1	**"1" is a fixed and mandatory value!**

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