

Perceptive Document Composition

Object Tool Product Guide

PDC Version: 5.4

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The command line tool PDC.Tool.exe

Preface

The command line tool **PDC.Tool.exe** allows you to manipulate Composition Studio objects in various ways.

Each function is called by the value specified in the **Cmd** parameter.

Functions

AssignBundleRef

Assign a script to a specified event of all bundle objects contained in a specified system.

Parameter	Meaning
SysOld	Specifies the object-id of the used system
Cmd	AssignBundleRef
Property	Internal name of the property Possible values: <ul style="list-style-type: none"> • AfterCreateDocumentsEvent • AfterDataSelectionEvent • BeforeCreateDocumentsEvent • BeforePrintAndArchiveEvent • BeforePrintDocumentEvent • OnInitializeDocumentCreationEvent • OnInitializePrintAndArchiveEvent
Script	Name of a script

Example

The following command-line will assign the script with name **PrintArchive** to the event **BeforePrintAndArchive** for all bundles of the system having oid **mytest**.

```
PDC.Tool.exe -SysOld:mytest -Cmd:AssignBundleRef -
property:beforeprintandarchiveevent -script:PrintArchive
```

AssignDocumentRef

Assign a script to a specified event of all text-document objects contained in a specified system.

Parameter	Meaning
SysOld	Specifies the object-id of the used system
Cmd	AssignDocumentRef
Property	Internal name of the property Possible values:

	<ul style="list-style-type: none"> • LoadEvent • UnloadEvent
Script	Name of a script

Example

The following command-line will assign the script with name **OnDocLoad** to the event **OnLoad** for all documents of the system having oid **mytest**.

```
PDC.Tool.exe -SysOID:mytest -Cmd:AssignDocumentRef -property:loadevent -script:OnDocLoad
```

CompilePrinter

Compiles all type of printers in a system.

Parameter	Meaning
SysOld	Specifies the object-id of the used system
Cmd	CompilePrinter

Example

```
PDC.Tool.exe -sysoid:mytest -Cmd:CompilePrinter
```

CompileSelection

Compiles all selections in a system.

Parameter	Definition
SysOld	Specifies the object-id of the used system
Cmd	CompileSelection

Example

```
PDC.Tool.exe -sysoid:mytest -Cmd:CompileSelection
```

CompileScripts

After updating to Perceptive Document Composition version 5.4.X all scripts need to be recompiled.

Parameter	Meaning
SysOld	Specifies the object-id of the used system Use *all* to compile the scripts in all systems.
Cmd	CompileScripts

Examples

```
pdc.tool.exe -SysOID:mds -Cmd:CompileScripts
```

```
pdc.tool.exe -SysOID:*all* -Cmd:CompileScripts
```

CreateValuehelp

Reads the given import xml-file and creates for each Xml-Element z:row (XPath: /xml/rs:data/z:row) a value help item in the specified system.

If a value help object contained in the xml-file already exists in the repository, no action is executed.

Parameter	Meaning
SysOld	Specifies the object-id of the used system
ImportFile	Specifies the name of the XML-file containing the value help names to be created
Cmd	CreateValuehelp

Example

```
PDC.Tool.exe -sysoid:mytest -Cmd:CreateValuehelp -
ImportFile: "c:\myfiles\Valuehelps.xml"
```

EqualizePageSizeA4

Sets the size of the Word documents of all text blocks and document templates contained in a specified system to A4.

Parameter	Description
SysOld	Specifies the object-id of the used system
Cmd	EqualizePageSizeA4

Example

```
pdc.tool.exe -sysoid:mytest -Cmd:EqualizePageSizeA4
```

ExportDocx

Exporting the docx-files of all documents/text-components of a specified system.

Parameter	Meaning
SysOld	Specifies the object-id of the used system
Cmd	ExportDocx
Dir	Specifies the directory the docx-files will be written to

Example

The following command-line will export all docx-files from the system having oid **mytest** into the directory **c:\temp\docx**.

```
PDC.Tool.exe -SysOID:mytest -Cmd:ExportDocx -Dir:c:\temp\docx
```

FindScript

Search inside the script-content for the specified regular expression.

Parameter	Meaning
SysOld	Specifies the object-id of the used system
Cmd	FindScript
Property	Regular expression to search for

Example

The following command-line will search all scripts containing the method-calls **xxx.DateStringToInt()** or **xxx.IntDateToString()**.

```
PDC.Tool.exe -SysOID:mytest -Cmd:FindScript -
RegEx: "\w+[\.](DateStringToInt|IntDateToString)\s*\\"
```

FindTrailingEmptyParagraph

Searches for trailing empty paragraphs in block documents.

When migrated from Modus 4, such documents might contain an empty paragraph at their very end because of a malfunction in M-LZ-M.

Since the successor **EmptyLine** does not incorporate this malfunction, the additional empty paragraph is not needed anymore.

Parameter	Meaning
SysOld	Specifies the object-id of the used system
Cmd	FindTrailingEmptyParagraph
Count	Specifies the number of trailing empty paragraphs
EmptyLineOnly	Show blocks only that are embedded in an EmptyLine command

Example

```
PDC.Tool.exe -sysoid:mytest -Cmd:FindTrailingEmptyParagraph -Count:2 -
EmptyLineOnly:true
```

ImportDocx

Importing all docx-files contained in a directory back into the specified system.

The docx-files can only be imported into the same system they were exported from.

Parameter	Meaning
SysOld	Specifies the object-id of the used system
Cmd	ImportDocx
Dir	Specifies the directory the docx-files are taken from

Example

The following command-line will import all docx-files found inside directory **c:\temp\docx** into the system having oid **mytest**.

```
PDC.Tool.exe -SysOID:mytest -Cmd:ImportDocx -Dir:c:\temp\docx
```

PatchCondition

Replacing method **SelVariable** with new method **SelVariableEx** in all conditions inside the specified system.

Notes

- Use this function **only** if you are migrating from modus 4.
- Be sure that you need to execute this function.

Parameter	Meaning
SysOld	Specifies the object-id of the used system
Cmd	PatchCondition
ReportOnly	If true, conditions that contain ambiguous strings are reported, no changes are applied to the condition. Possible values: true / false

Example

The following command-line will replace **SelVariable** with **SelVariableEx** in all conditions of the system having oid **mytest**.

```
PDC.Tool.exe -SysOID:mytest -Cmd:PatchCondition
```

The next example only reports conditions yet does not apply changes:

```
PDC.Tool.exe -SysOID:mytest -Cmd:PatchCondition -ReportOnly
```

RebuildProcessRef

Recreates all references of a process object in the database.

Parameter	Meaning
SysOld	Specifies the object-id of the used system
Cmd	RebuildProcessRef

Example

```
PDC.Tool.exe -sysoid:mytest -Cmd:RebuildProcessRef
```

RepairWordTemplate

Repairs a Word template file that went missing some of its latent style exception entries when being saved under a different Word version than the one originally used to create the template file.

Latent style exception entries are used by Document Composition to determine whether a style is a latent one or not.

Parameter	Meaning
Cmd	RepairWordTemplate
Path	Path to the Word template file to be repaired

Example

```
PDC.Tool.exe -path:D:\Word\Template\normal.dotm -Cmd:RepairWordTemplate
```

ReplaceGetObject

Search inside the script-content for a specific method and replaces it by a new method.

If needed it adds also new **GetObject()** and/or removes old GetObject()

Parameter	Meaning
SysOld	Specifies the object-id of the used system
Cmd	ReplaceGetObject
OldMethod	Specifies the method of the object to be replaced
OldObject	Name of the old ActiveX-Library, for example MSLCalendar.Date
NewMethod	Specifies the method of the new object
NewObject	Name of the new MonaLisa-Object, for example MLDate

Example

The following command-line will replace in all scripts containing the method-call **xxx.DateStringToInt()** to **xxx.DateStringToInt64()**.

When replacing methods it also removes old GetObject("xxx", "MSLCalendar.Date") if exists and/or adds new GetObject("xxx", "MLDate") if needed.

```
PDC.Tool.exe -SysOID:mytest -Cmd:ReplaceGetObject -OldMethod:DateStringToInt
-OldObject:MSLCalendar.Date -NewMethod:DateStringToInt64 -NewObject:MLDate
```

ReplaceScript

Searches for a regular expression in all scripts and replaces it with another string.

Parameter	Meaning
SysOld	Specifies the object-id of the used system
Cmd	ReplaceScript
Old	Regular expression to search for (old text)
New	Replacement string for the regular expression match
Casesensitive	Specifies if the regular expression is interpreted case-sensitive or not Possible values: true / false

Example

The following command-line will replace in all scripts the exact string **mm.dd.yyyy** with **MM.dd.yyyy**.

Note You have to escape the ; character because otherwise it is interpreted as **any character**.

```
PDC.Tool.exe -sysoid:mytest -cmd:ReplaceScript -old:mm\.\dd\.\yyyy -  
new:MM.dd.yyyy -casesensitive:true
```

ReportBlueBlocksContainedInBlocks

Lists all text blocks with child text blocks where

- the property **Inheritance** is set to **False** (text-block has a blue symbol)
- the text block data does not contain specific attributes for this child text-block

In this case, the text block is deactivated and the standard properties are used.

Parameter	Description
SysOld	Specifies the object-id of the used system
Cmd	ReportBlueBlocksWSA
ActivateTextBlock	Defines if the child text block will be activated. Possible values: true / false

Example

```
pdc.tool.exe -SysOID:pagtest -Cmd:ReportBlueBlocksContainedInBlocks -  
ActivateTextBlock:false
```

ReportBlueBlocksWithoutSpecificAttributes

Lists all documents with text blocks where

- the property **Inheritance** is set to **False** (text-block has a blue symbol)
- the document data does not contain specific attributes for this text-block

In this case, the text block is deactivated and the standard properties are used.

Parameter	Description
SysOld	Specifies the object-id of the used modus-system
Cmd	ReportBlueBlocksWSA
ActivateTextBlock	Defines if the text block will be activated. Possible values: true / false

Example

```
pdc.tool.exe -SysOID:pagtest -Cmd:ReportBlueBlocksWSA -  
ActivateTextBlock:false
```

ReportDataLinkCSV

Creates a csv report file that contains, for each document in the specified system, the data binding information of every text-block and text-variable.

Also scripts/conditions that uses the Monalisa methods **SelVariable()**/**SelVariableEx()** are added to the report.

Variables of text-blocks that are dynamically inserted using lookup-tables etc. will not be listed.

The csv file will be created in the **My documents** folder of the executing Windows account using the standard encoding of the Windows-system (in western Europe: Windows 1252).

The generated file contains lines having the following format:

name of document;object type;object name;datasource;datalink;attributeName

Parameter	Meaning
SysOld	Specifies the object-id of the used system
Cmd	ReportDataLinkCSV

Example

```
PDC.Tool.exe -sysoid:mytest -Cmd:ReportDataLinkCSV
```

ReportDocument

Creates a text file report of a specific document, showing all attributes of the containing text-blocks and variables.

Text-blocks or variables that are dynamically inserted will not be listed!

The file will be created in the **my documents** folder of the executing Windows account having the document-name as filename.

Parameter	Meaning
SysOld	Specifies the object-id of the used system
Doc	Specifies the name of the document
Cmd	ReportDocument

Example

```
PDC.Tool.exe -sysoid:mytest -doc:Example_Document -Cmd:ReportDocument
```

ReportUsedBlock

Creates a report file listing for each document in the specified system the used text-blocks.

Text-blocks that are dynamically inserted using lookup-tables etc will not be listed.

The file will be created in the **my documents** folder of the executing Windows account.

The generated file contains lines having the following format:

document_name;text-block_name

Parameter	Meaning
SysOld	Specifies the object-id of the used system
Cmd	ReportUsedBlock

Example

```
PDC.Tool.exe -sysoid:mytest -Cmd:ReportUsedBlock
```

ReportUsedStyles

Scans all document templates and text blocks of a given system for styles used by these documents.

Note The style **Standard** is used by all Word documents and is therefor not listed separately.

Parameter	Description
SysOld	Specifies the object-id of the used system
Cmd	ReportUsedStyles

Example

```
pdc.tool.exe -SysOID:pagtest -Cmd:ReportUsedStyles
```

RtfScan

Scans all RTF files in a given directory for unnecessary **M-LZ-M** commands, that means M-LZ-M at the very beginning of a paragraph or as a single element in a paragraph.

Parameter	Meaning
Cmd	RtfScan
Dir	Directory where the RTF files reside

Example

```
PDC.Tool.exe -Cmd:RtfScan -Dir:D:\Documents\RTFFiles
```

SearchDocx

Search inside the xml of all docx-files contained in a system for the specified regular expression.

Parameter	Meaning
SysOld	Specifies the object-id of the used system

Cmd	SearchDocx
Property	Regular expression to search for

Example

The following command-line will search the xml of all docx-files contained in the system having oid **mytest** for the strings **@v** or **@b**.

```
PDC.Tool.exe -SysOID:mytest -Cmd:SearchDocx -RegEx:"@v|@b"
```

UpdateAttachedWordTemplate

Updates the reference of all document templates and text blocks to the current Word template.

The update does not change the version number of document templates and text blocks.

Parameter	Meaning
SysOld	Specifies the object ID of the used system or *all* for all systems.
Cmd	UpdateAttachedWordTemplate

Examples

The following command-line will update the document template and text block reference for all systems.

```
PDC.Tool.exe -sysoid:*all* -Cmd:UpdateAttachedWordTemplate
```

The following command-line will update the document template and text block reference for the system with ID 'demo'.

```
PDC.Tool.exe -sysoid:demo -Cmd:UpdateAttachedWordTemplate
```

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