RELEASE NOTES

PrintManager

Version 2.5.0

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Modified by:

Saved at: 16. July 2009

Version: 7

Radebeul, 07/14/09

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Processing note

This document was created using OpenOffice.org 2.4. The original document was saved as `Release Notes 2.5.odt`.

Versions

Date/Version	Editor	Changes
14.07.2009	Sebastian Lorenz	Initial Version

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New Features in Version 2.5.0

1 PrintClient Look and Feel

The PrintClient Look and Feel has been changed to behave more like a common printing dialog. The window will be always in foreground and minimizes to the taskbar after printing or preview has been started. When printing has finished the PrintClient window closes automatically. Whereas after previewing the PrintClient will pop up from the taskbar into the foreground again.

2 Printing selected Stories

Starting with version 2.5.0 the PrintManager can print individual stories from a queue. Printing selected stories works basically the same way as printing a queue. If one or more stories from one queue are selected and dragged into the PrintClient window, only these stories will be printed. After dragging the stories into the client the user can chose a PrintStyle and a printer as usual for queue printing. The printout will only contain the selected stories.

FOR THIS FEATURE TO WORK INEWS CLIENT VERSION 2.8.3.11 OR HIGHER MUST BE USED TOGETHER WITH THE PRINTCLIENT.

3 Number of copies

Now the PrintClient Graphical User Interface has a field to enter the number of copies that should be printed.

4 Single-click queue printing

In previous versions of the PrintClient at least two buttons had to be pressed if a queue should be printed with a button macro (same for keyboard macros). Starting with version 2.5.0 printing of queues can be started by a single click on a button (or a single keystroke).

Printing the current queue by a single click on a button could be accomplished by the following button macro:

```
{alt wo}{home}PRINT[NRCS]{end}{space}-t rundown.xsl {shift
{home}}{ctrl c}{esc}
```

The macro above copies a text string containing the iNEWS system name, the current queue name and the name of the PrintStyle into the windows clipboard (in this example the iNEWS system name is NRCS and the PrintStyle file name is rundown.xsl). The PrintClient clipboard monitor program monitors the Windows clipboard for changes and starts the PrintClient if it detects a text in the clipboard with the following syntax:

```
PRINT[iNEWSServer]queueName <options>
```

For example if the following text would be copied to the clipboard:

```
PRINT[NRCS]training.show.rundown -t rundown.xsl
```

the PrintClient clipboard monitor would start the PrintClient to print the `training.show.rundown` queue from the iNEWS system named `NRCS` with the PrintStyle `rundown.xsl`. For available options see the PrintManager user manual chapter 4.2 PrintClient Command-Line Mode (the options -s for system name and -q for queue name must not be given separately since they are encoded before the options).

5 Changes in the iNewsSystems.txt configuration file

5.1 Tabs and Spaces

The available PrintStyles are configured in the `iNewsSystems.txt` file by adding the file name and the human readable name of the PrintStyle. In previous versions of the PrintManager the file name and the human readable name were separated by a space. Both file names and human readable names were not allowed to contain spaces. From now on tabs can be used to separate the file name from the human readable name and the human readable name can contain spaces. The system takes the first tab in the line as the separator of the file name and the human readable name. If no tab is available it takes the first space in the line as the separator.

5.2 Sorting PrintStyles by queues

Starting with version 2.5.0 of the PrintManager stylesheets can not only be separated by systems but also by queues within the system. This is done by dividing the PrintStyles for a system in different sections each section starting with `@` followed by a regular expression matching one or more queue names. The PrintStyles defined in such a section will only be displayed in the PrintClient if the regular expression for that section matches the name of the queue. The special expression `@ nomatch` starts a section containing stylesheets that are only displayed if the name of the queue to be printed doesn't match any of the previous sections. For exam-

ple consider the following entries in the `iNewsSystems.txt` file for two iNEWS systems system named `NRCS26` and `NRCS28`:

```
[NRCS26]
presenter.xsl Presenter
production_cues.xsl Production_Cues
rundown_cue.xsl Rundown_Cue
rundown_cue_body.xsl Rundown_Cue_Body
rai_title.xsl RAI_Title
rai_text.xsl RAI_Text
rai_cues.xsl RAI_Cues


[NRCS28]
presenter.xsl          Presenter
production_cues.xsl    Production Cues
rai_cues.xsl           RAI Cues

@ .*RUNDOWN.*
rundown_cue.xsl        Rundown Cue
rundown_cue_body.xsl   Rundown Cue Body

@ .*TRAINING.*
rai_training.xsl       Training stylesheet

@ nomatch
rai_title.xsl          RAI Title
rai_text.xsl           RAI Text
```

The first system `NRCS26` does not contain any regular expressions dividing its printstyle definition into different sections. Therefore the PrintClient will always show all the seven PrintStyles available for this system no matter what queue from `NRCS26` has been dragged into the PrintClient window. For the iNEWS28 system the PrintClient may display different PrintStyles depending on the name of the queue that has to be printed. For:

- a queue that contains the word RUNDOWN somewhere in its name it will display the PrintStyles Presenter, Production Cues, RAI Cues, Rundown Cue and Rundown Cue Body,
- a queue that contains the word TRAINING somewhere in its name it will display the PrintStyles Presenter, Production Cues, RAI Cues and Training stylesheet
- a queue that contains neither RUNDOWN nor TRAINING in its name it will display the PrintStyles Presenter, Production Cues, RAI Cues, RAI Title and RAI Text.

For a description of available regular expressions see http://msdn.microsoft.com/en-us/library/1400241x(VS.80).aspx

6 PrintClient Connection Timeout

When the PrintClient is opening a new connection to a PrintServer it will only wait five seconds for the PrintServer to answer. If the PrintServer doesn't answer it will try to connect to the next backup PrintServer. This time limit reduces the time a user has to wait if one of the PrintServers is not available.

7 Time to wait between trying to download the printout

After the PrintClient has sent its print request to the PrintServer it constantly polls the PrintServer output directory for the printout. In previous versions of the PrintClient the poll interval was 3 seconds. Starting with version 2.5.0 of the PrintClient the default poll interval is 2 seconds. This default poll interval can be changed by changing the registry value of the `DownloadRetryTimeToWait` registry key that can be found in

`HKEY_LOCAL_MACHINE\Software\Hmedia\PrintClient`.

The value of the `DownloadRetryTimeToWait` variable is the time in **milliseconds**.

Example: A `DownloadRetryTimeToWait` value of 500 means that the PrintClient will poll the output directory of the PrintServer every half a second.

Keep in mind that decreasing the `DownloadRetryTimeToWait` may increase network traffic. Raising the `DownloadRetryTimeToWait` may result in a longer printing process.

8 Skipping deleted stories

In previous versions the user was prompted an error message if a story was deleted while the PrintManager was printing. Now the PrintManager will just skip the story without prompting any message. Since iNEWS queues may not refresh automatically in the iNEWS client it may happen that a story that can be seen in the iNEWS client window is already deleted from the iNEWS server. If such a story is dragged in the PrintClient window and printed, the PrintServer will skip this story without an error message for the user.

9 Printing from a local iNEWS Database

The PrintClient local printing feature has not changed since the previews version. All new PrintManager features are only available for printing from an iNEWS server database.

Bugs Fixed

1 PrintClient connections

In previous versions it happened that PrintClient connections to the PrintServer were not closed. Now all PrintClient to PrintServer connections are closed if the PrintClient is closed.