RELEASE NOTES

PrintManager

version 2.2.1

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Processing Note

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Versions

Date/Version	Editor	Changes
2007-06-05	A. Hartmann	Initial version

1 Features

- iNEWS 2.6 supported
- Installation packages for Linux and Windows
- Runs as service under Windows and demon under Linux, respectively

2 Installation And Configuration

IT IS STRICTLY SUGGESTED TO REMOVE THE PREVIOUS PRINTCLIENT / PRINTSERVER SOFTWARE COMPLETELY FROM YOUR SYSTEM.

PrintClient

1. Open the related directory on your installation medium and run the **`setup.exe`**.
2. Follow the instructions during the setup procedure.
3. After installation manage the registry entries to configure PrintClient. Refer to PrintManager 2.2 User Manual how to configure the PrintClient registry keys.

PrintServer for Windows

1. Open the related directory on your installation medium and run the **`setup.exe`**.
2. Follow the instructions during the setup procedure.
3. At the end of this procedure you get displayed the neccessary steps after installation. You can find this document also as `next-steps.rtf` in the doc directory in the PrintServer program directory.

   Follow the steps in this document. Refer PrintManager 2.2 User Manual for more information.

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PrintServer for Linux

OTHER THAN PRINTSERVER 2.2 FOR LINUX PRINTSERVER 2.2.1 STRICTLY ASSUMES TO FIND THE `java` COMMAND IN `/usr/bin`. SO ENSURE THERE IS A SYMBOLIC LINK TO THE JAVA RUNTIME ENVIRONMENT IN THIS DIRECTORY.

1. In a terminal on your server as user root go to installation directory.

2. Install the rpm package with

   ```
   # rpm -Uhv printserver-1.0-0.i586.rpm
   ```

3. At the end of the rpm installation you get displayed the license and the neccessary steps after installation.

   You can navigate with **`Cursor up`** and **`Cursor down`** through these docs. Quit the reading with **`Q`**. You will find these files also in the doc directory inside the PrintServer program directory.

4. Follow the steps in the `readme.txt` document. Refer PrintManager 2.2 User Manual for more information.

You don't need to change your PATH variable nor any other system or user file like `bashrc` or `bash_profile` to configure PrintServer 2.2.1.

PrintServer Configuration (both Linux and Windows)

Different to PrintServer 2.2 the PrintServer 2.2.1 conf.xml contains one additional parameter. In

```
<codepage>Windows-1252</codepage>
```

you can specify the character encoding in iNEWS. The iNEWS 2.6 database is usually encoded in UTF-8.

So you can specify a PrintServer to run with iNEWS 2.1 or earlier by using a dedicated ASCII codepage. Alternatively specify UTF-8 as codepage for a PrintServer running with iNEWS 2.6.

IT IS NOT POSSIBLE TO RUN THE SAME PRINTSERVER FOR INEWS 2.1 OR EARLIER AND INEWS 2.6. IF YOU HAVE BOTH SYSTEMS YOU NEED SEPARATE PRINTSERVERS.

3 Operations

PrintClient

The PrintClient operations doesn't differ to previous versions. So refer to PrintManager 2.2 User Manual for more information.

PrintServer for Windows

Under Windows the PrintServer runs as a system service. Thus you can use the MS Windows internal Service Control Manager to start and stop PrintServer. All messages are written in an EventLog viewable with MS Windows builtin Event Viewer. Figure 1 depicts the Hmedia Services EventLog on a PrintServer machine.

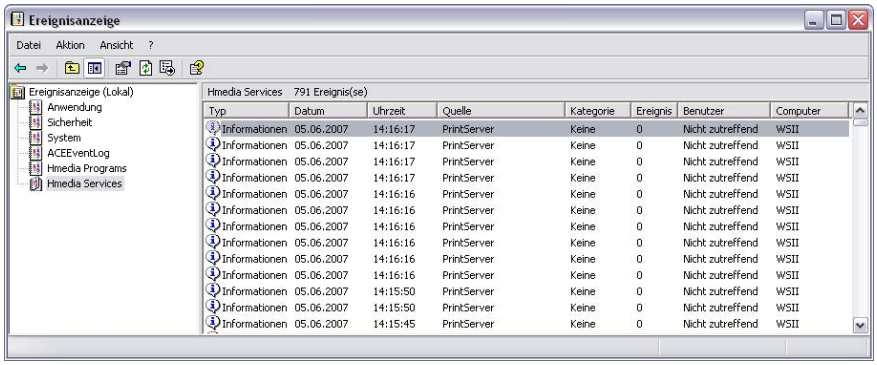

Figure 1: Event Viewer with Hmedia Services as active EventLog

Both programs ServiceControl Manager and Event Viewer can be found within MS Windows Control Panel in the Administrative Tools.

Additionally the PrintServer provides a PrintServer Control to handle the PrintServer service. During the installation procedure an icon is created on your Windows desktop as well as in your Startmenu. Figure 2 shows the PrintServer Control. The buttons on the left control the PrintServer. The message panel on the right displays PrintServer messages created after the start of this control. All previous messages can be read in the Event Viewer (see above).

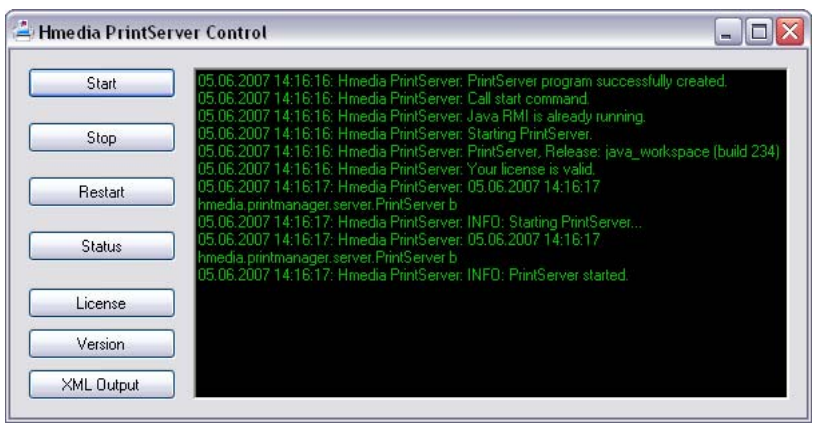

Figure 2: PrintServer Control

PrintServer for Linux

Because most Linux server systems doesn't need a graphical user interface, the PrintServer under linux is a command line program only.

Nevertheless it works as a demon on RedHat/openSUSE based systems. On Linux systems based on other distributions handling of demons and runlevels may differ. Refer the documentation of yur Linux distro to get more information about runlevels and demon management.

PrintServer is managed by user root with the command `printserver <option>` wheras `<option>` is one of the following list:

- `start` – starts the PrintServer. This command is performed automatically in the init routine for runlevels 3, 4 and 5. To change this behavior use the `chkconfig` program. To get more information about chkconfig run `man chkconfig`.
- `stop` – stops the PrintServer.
- `restart` – performs a `stop` and in case of success thereafter a `start`.
- `status` – displays some information about PrintServers status and status of iNEWS connection.
- `license` – displays the remaining duration of your license.
- `version` – shows the PrintServer version.
- `xmloutput` – toggles the additional XML output. Refer to PrintManager 2.2 User Manual to get more information about this function.

The old `prt_...` scripts are obsolete and no longer in use.