SEALSYSTEMS
THE DIGITAL PAPER FACTORY

PLOSSYS Infoclient

System Description

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SEAL Systems

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1 Introduction

purpose

This documentation describes the installation of PLOSSYS Infoclient. With PLOSSYS Infoclient, you can request the current data of your output jobs.

target group

This documentation is intended for use by administrators and project managers at SEAL Systems.

in this chapter

This chapter deals with the following topics:

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Conventions in this Documentation

path specification

The path information given in this documentation is relative to the installation directory of PLOSSYS netdome. This is usually the home directory of the `plossys` user. The path information is indicated in Windows notation only in most cases. This corresponds to the UNIX directory structures unless noted otherwise.

typography

The following table lists the typographical conventions employed in this documentation.

Typographical Convention	**Meaning**
`Consolas`	File names, paths, commands, menu items, keywords, special values, short scripts and examples
`Consolas italic`	Parameters; variables that must be replaced by current values
`Consolas small`	More extensive scripts and examples

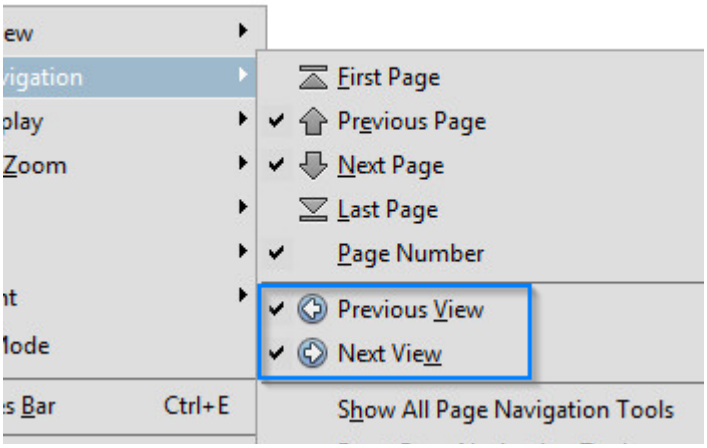
Activate the Retrace of your Viewing Path in PDF

description

Adobe Reader provides buttons to retrace your viewing path of PDF pages that you viewed earlier. This makes the reading easier and helps to keep the central theme.

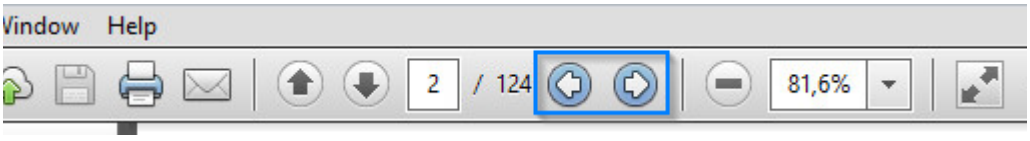
instructions

This is how you activate the buttons for retracing your viewing path in the PDF documentation as of Adobe Reader 10:

Step	Action
1	Activate the following options via the menu: `View - Show/Hide - Toolbar Items - Page Navigation Show Tools` • `Previous View`: activate • `Next View`: activate 

result

Adobe Reader offers the following buttons to allow you jumping forward and backward in the document while showing pages you viewed in the reverse order that you viewed them:



Overview of Contents

description

The description deals with the following topics:

Chapter 2, *Requirement*, page 9, describes the requirement for using PLOSSYS Infoclient.

Chapter 3, *Overview - Scenarios*, page 10, describes the different installation scenarios.

Chapter 4, *Installation*, page 13, explains how to install PLOSSYS Infoclient.

Chapter 5, *Update PLOSSYS Infoclient*, page 20 explains how to update PLOSSYS Infoclient.

Chapter 6, *Authentication*, page 23, deals with the authentication of the users who want to use PLOSSYS Infoclient.

reference

The reference contains the following chapter:

- *Configuration Files - Reference*, page 27, with a description of the MSI properties

directories

At the end of the documentation, a bibliography, terminology list, abbreviation list and index are included.

2 Requirement

SEAL Systems modules

The usage of PLOSSYS Infoclient requires the following SEAL Systems modules:

- PLOSSYS netdome 4.5.1 or newer

supported platforms

The currently supported platforms for PLOSSYS Infoclient are described on the following website of SEAL Systems:

http://www.sealsystems.com/service/hard-software

tray icon - operation system

The usage of the PLOSSYS Infoclient tray icon is supported on the following operation systems:

- Windows XP SP3 or newer

Web application - operating system

The usage of the PLOSSYS Infoclient Web application is supported for the following Web browsers:

- Internet Explorer
- Firefox

The current versions of the Web browsers are supported.

3 Overview - Scenarios

in this chapter

This chapter deals with the following topics:

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Operation With One PLOSSYS netdome Server

server - components

The following SEAL Systems components are installed on the server:

- PLOSSYS netdome (containing JBoss, PostgreSQL)
- PLOSSYS Infoclient (server component)

client - components

The following SEAL Systems components are installed on the workstations which want to request the job data:

- PLOSSYS Infoclient tray icon
- Web browser

related topics

For further information how to install the single components, refer to:

→ *Installation With One PLOSSYS netdome Server*, Seite 14

Operation With Several PLOSSYS netdome Servers

overview

PLOSSYS Infoclient can request job data from one server or several servers and provide the job data to the clients.

PLOSSYS Infoclient server is installed on a separate server, which is called solution server.

The data of the output jobs of the PLOSSYS netdome systems is transferred to the solution server by means of the PLOSSYS Infoclient synchronizing methods.

Windows servers that want to request the job status are connected to the solution server via the PLOSSYS Infoclienttray icon or the Web application.

solution server - components

The following SEAL Systems components are installed on the solution server:

- PLOSSYS netdome solution server (containing JBoss, PostgreSQL, PLOSSYS Infoclient server component)
- PLOSSYS Infoclient sync Web service (`infoclient-sync-rest.war`)

PLOSSYS netdome server - components

The following SEAL Systems components are installed on the PLOSSYS netdome servers:

- PLOSSYS netdome
- PLOSSYS Infoclient sync client (`infoclient-sync.ear`)

Windows workstation - components

The following SEAL Systems components are installed on the Windows workstations which want to request the job data:

- PLOSSYS Infoclient tray icon
- Web browser

related topics

For further information how to install the components when using several PLOSSYS netdome servers, refer to:

→ *Installation With Several PLOSSYS netdome Servers*, Seite 15

4 Installation

This chapter deals with the following topics: in this chapter

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Installation With One PLOSSYS netdome Server

instructions

This is how you install the SEAL Systems components:

Step	Action
1	Install PLOSSYS netdome on the server with the following Frozen Master package: • `complete.`*`xxx`*
2	If you want to configure the user authentication in PLOSSYS Infoclient via Active Directory, you have to adapt the user configuration. → *Authentication*, Seite 23
3	Install the PLOSSYS Infoclient tray icon on the Windows servers: → *Install the Tray Icon for Windows*, Seite 17

Installation With Several PLOSSYS netdome Servers

instructions - solution server

This is how you install the necessary components on the solution server:

Step	Action
1	Install easyPRIMA on the solution server with the following Frozen Master package: • `easyprima_ocon.xxx`
2	If you want to configure the user authentication in PLOSSYS Infoclient via Active Directory, you have to adapt the user configuration. → *Authentication*, Seite 23
3	Install the PLOSSYS Infoclient tray icon on the Windows servers: → *Install the Tray Icon for Windows*, Seite 17

instructions - PLOSSYS netdome server

This is how you install the necessary components on the PLOSSYS netdome servers:

Step	Action
1	Install PLOSSYS netdome on the servers with the following Frozen Master package: • `complete.xxx`
2	Install and configure PLOSSYS netdome. hint - configuration with `sysinit`: The configuration program, `sysinit`, is started by `sealsetup.exe`. If required, specify the URL of the solution server (Default: `http://host:8080`).

To be continued

Installation With Several PLOSSYS netdome Servers, Continuation

instructions - Windows server

This is how you install the necessary components on the Windows servers:

Step	Action
1	→ *Install the Tray Icon for Windows*, Seite 17

Install the Tray Icon for Windows

This is how you install the tray icon for PLOSSYS Infoclient: instructions

Step	Action
1	In the Windows Explorer, start the installation by double-clicking the following file: • `Infoclient-Setup-3.1.xxx-x64.msi` (64 Bit) or • `Infoclient-Setup-3.1.xxx-x86.msi` (32 Bit) **Caution** - administrator privileges: For executing the installation, administrator privileges are required.

→ *Install the Tray Icon Interactively*, Seite 18

→ *Install the Tray Icon Automatically*, Seite 19

→ *MSI Properties*, Seite 28

Install the Tray Icon Interactively

instructions

This is how you install the tray icon interactively:

Step	Action
1	Double-click the Windows installer MSI file or execute the file in a shell.
2	Follow the instructions of the installation program.

Install the Tray Icon Automatically

This is how you install the tray icon automatically: instructions

Step	Action
1	Execute the following command: `msiexec /quiet /i Infoclient-Setup-3.1.0.22-x64.msi INFOCLIENT_SERVER_URL=http://plossysserver:8080` hint - customize the installation: If required, add parameters to the MSI call in order to customize the automatic installation. → *MSI Properties*, Seite 28

5 Update PLOSSYS Infoclient

in this chapter

This chapter deals with the following topics:

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Update from PLOSSYS Infoclient Server 3.0.x to 3.1.x

In the context of an update the following information is relevant:

- The PLOSSYS Infoclient Server version 3.1.x must be installed newly.
- Due to technical reasons, updating from PLOSSYS Infoclient Server 3.0.x to 3.1.x is not possible.
- PLOSSYS Infoclient Server 3.0.x uses a standalone installation of JBoss 7 as runtime environment. PLOSSYS Infoclient Server 3.1.x uses JBoss 7 in the PLOSSYS netdome installation environment as it runtime environment. The directory structures of both versions are totally separated from each other.

Manuel Migration

instructions

This is how you conduct an migration manually:

Step	Action
1	Install PLOSSYS Infoclient Server 3.1.x on a server. hint - standalone or PLOSSYS netdome 4.5.1: The installation may be a standalone installation or part of a PLOSSYS netdome 4.5.1 installation.
2	Apply the configuration settings from the PLOSSYS Infoclient Server 3.0.x installation to the PLOSSYS Infoclient Server 3.1.x installation.

hint

An automatic migration is not provided.

6 Authentication

For the user authentication, the following methods can be used:

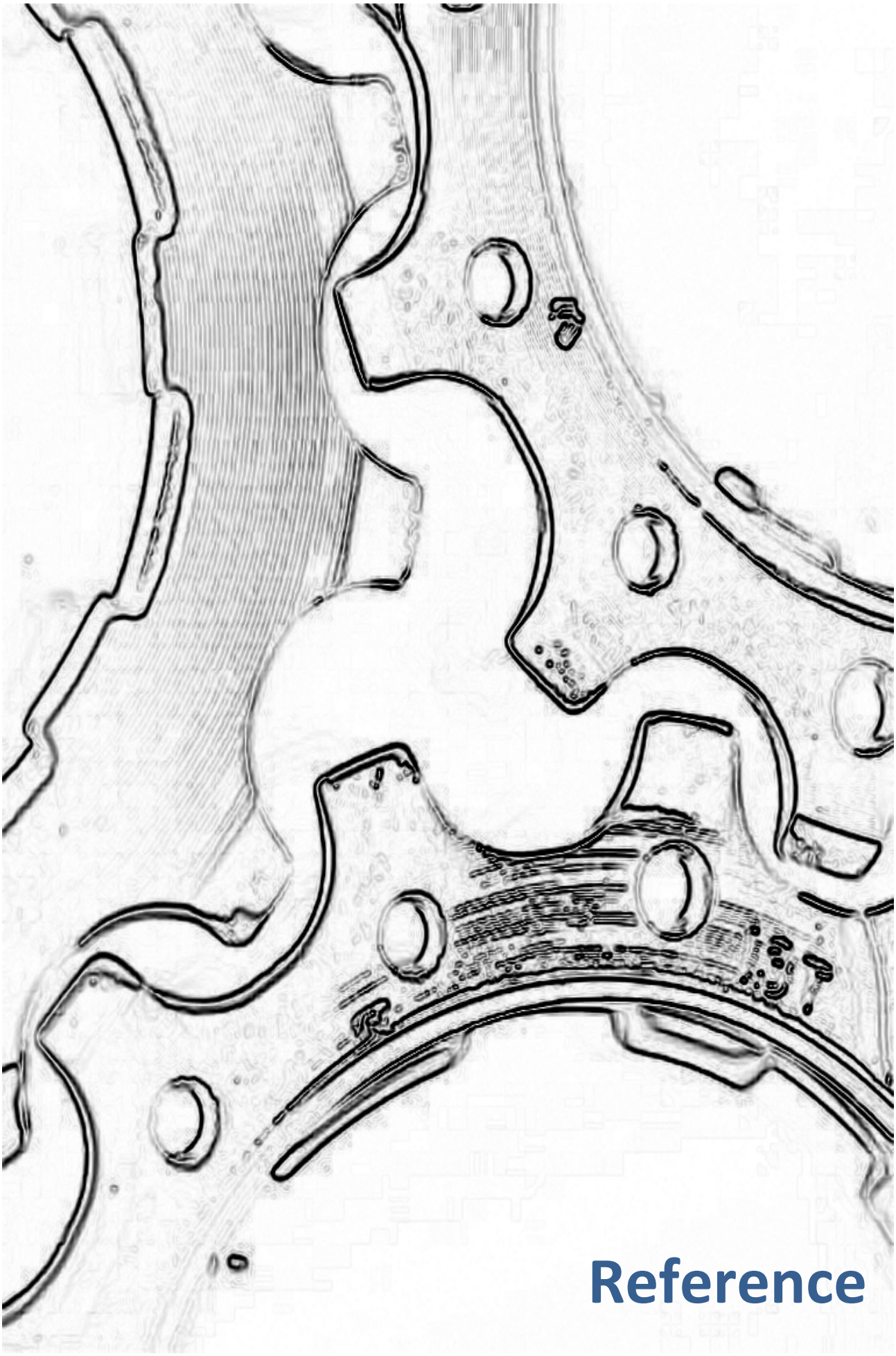
authentication methods

- LDAP
- LDAP with single sign-on

For further information about this topic, refer to:

reference

→ JBoss - LDAP and Single Sign-On, System Description, SEAL Systems



Reference

7 Configuration Files - Reference

This chapter describes the following configuration files: in this chapter

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MSI Properties

introduction

This chapter contains the reference information about the MSI properties.

background knowledge

MSI properties are used to configure a MSI installation according to you system needs. Using these properties, you can specify for example if the current installation of PLOSSYS Infoclient is available to all users or only to the current user.

restriction

Only the properties relevant for the PLOSSYS Infoclient installation are described.

INFOCLIENT_SERVER_URL

`INFOCLIENT_SERVER_URL` specifies the URL of the PLOSSYS netdome server.

The item is mandatory.

Available values: String

- `http://`*`plossysserver`*`:`*`portnumber`*
  Name of the PLOSSYS netdome server and the port on which the server can be reached

Default: `8080` (as of version PLOSSYS netdome 4.5)

example

PLOSSYS Infoclient communicates with the PLOSSYS netdome server `PLOSSYS` via the port `8080`.

```
msiexec /quiet /i Infoclient-Setup-3.1.0.22-x64.msi INFOCLIENT_-
SERVER_URL=http://plossysserver:8080
```

INFOCLIENT_USERS

`INFOCLIENT_USERS` specifies if the installation is available to all users or only to the current user.

Available values: Enumeration

- `cur`
  The PLOSSYS Infoclient installation is only available to the current user.
- `all`
  The PLOSSYS Infoclient installation is available to all users who have an account on this server:

Default: `all`

example

The PLOSSYS Infoclient installation is available to all users who have an account on this server:

```
msiexec /quiet /i Infoclient-Setup-3.1.0.22-x64.msi INFOCLIENT_-
SERVER_URL=http://plossysserver:8080 INFOCLIENT_USERS=all
```

To be continued

MSI Properties, Continuation

INFOCLIENT_SHORTCUT_DESKTOP

`INFOCLIENT_SHORTCUT_DESKTOP` specifies if a desktop link will be created.

Available values: Enumeration

- 1
  A desktop link will be created.
- ""
  No desktop link will be created.

Default: ""

A desktop link will be created:

example

```
msiexec /quiet /i Infoclient-Setup-3.1.0.22-x64.msi INFOCLIENT_-
SERVER_URL=http://plossysserver:8080 INFOCLIENT_SHORTCUT_DESKTOP=1
```

INFOCLIENT_SHORTCUT_PROGRAMMMENU

`INFOCLIENT_SHORTCUT_PROGRAMMMENU` specifies if an item for PLOSSYS Infoclient will be created in the Windows start menu.

Available values: Enumeration

- 1
  An item in the Window start menu will be created.
- ""
  No item will be created in the Window start menu.

Default: 1

An item in the Window start menu will be created:

example

```
msiexec /quiet /i Infoclient-Setup-3.1.0.22-x64.msi INFOCLIENT_-
SERVER_URL=http://plossysserver:8080 INFOCLIENT_SHORTCUT_PROGRAM-
MMENU=1
```

INFOCLIENT_START_VIA_REGISTRY

`INFOCLIENT_START_VIA_REGISTRY` specifies if PLOSSYS Infoclient will automatically be started when the user logs on.

Available values: Enumeration

- 1
  PLOSSYS Infoclient will automatically be started when the user logs on.
- ""
  PLOSSYS Infoclient will not automatically be started when the user logs on.

Default: 1

PLOSSYS Infoclient will automatically be started when the user logs on:

example

```
msiexec /quiet /i Infoclient-Setup-3.1.0.22-x64.msi INFOCLIENT_-
SERVER_URL=http://plossysserver:8080 INFOCLIENT_START_VIA_REGISTRY=1
```

Bibliography

[LDAP_SSO_JBOSS_TEC] *JBoss - LDAP and Single Sign-On*, System Description, SEAL Systems

[NETDOME_TEC] *PLOSSYS® netdome*, System Description, SEAL Systems

Terminology

The following section explains the most important terms that are used in this documentation. Terms identified by → refer to other terms in this section.

MSI properties	Properties which affect the behavior of the installation program

Abbreviations

PLOSSYS®	Product family from SEAL Systems

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