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## 1 NAME

slxos-plugin - OpenSLX-script to install/remove an OS-plugin into/from an installed vendor-OS.

## 2 SYNOPSIS

slxos-plugin [options] <action>

### Options

<code>--help</code>	brief help message
<code>--log-level=&lt;int&gt;</code>	level of logging verbosity (0-3)
<code>--man</code>	show full documentation
<code>--verbose</code>	show more information during execution
<code>--version</code>	show version

### Actions

**install** <vendor-OS-name> <plugin-name> [<attr-name>=<value> ...] [<plugin-name>] ...

Installs the OS-plugin(s) with the given name(s) into the specified vendor-OS, using any attribute values as specified.

In order to spare you RSI, you can leave out the plugin scope, each attribute will be searched in the plugin that precedes it (see examples in the manual).

**list-attributes** [<plugin-name>]

List all attributes supported by the different OS-plugins. If you specify a plugin name, only the attributes of that plugin will be listed.

In verbose mode, more details about the individual attributes are shown.

**list-available**

List all available OS-plugins.

In verbose mode a short description of each plugin will be shown, too.

**list-installed** <vendor-os-name>

List all the plugins installed into the specified vendor-OS.

In verbose mode all applied attributes are shown, too.

**remove** <vendor-OS-name> <plugin-name> [<plugin-name>] ...

Removes the OS-plugin(s) with the given name(s) from the specified vendor-OS.

If you pass in any attributes, they will be ignored.

## 3 DESCRIPTION

**slxos-plugin** installs or removes specific functionality extensions into/from an installed vendor-OS. That extension can be something rather simple (like a boot-splash) or something rather complicated (e.g. the automatic detection, installation and activation of the graphics driver most appropriate for the booting client).

Installation of any plugin will result in some files being added to the vendor-OS (they will live in `/opt/openslx/plugins/<plugin-name>/`). These files can be accessed by the booting client in order to integrate the required functionality into the system.

## 4 OPTIONS

**-help**

Prints a brief help message and exits.

**-man**

Prints the manual page and exits.

**-verbose**

Prints more information during execution of any action.

**-version**

Prints the version and exits.

## 5 EXAMPLES

### Installing a Plugin

#### **slxos-plugin install suse-10.2 example**

Installs the plugin named 'example' into the installed vendor-OS 'suse-10.2'.

#### **slxos-plugin install suse-10.2 desktop gdm=1 kde=1**

Installs the desktop plugin into suse-10.2 and specifies two attributes. These attributes will be stored into the vendor-OS and pulled from there by the config-demuxer whenever it demuxes a system based on the suse-10.2 vendor-OS.

#### **slxos-plugin install suse-10.2 desktop desktop::gdm=1 desktop::kde=1**

Same as above, only this time with completely scoped attributes.

**slxos-plugin install suse-10.2 desktop gdm=1 vmware binary=1**

Installs two plugins (desktop and vmware) into suse-10.2. The attribute gdm=1 will be set for desktop, while binary=1 will be set for vmware.

**slxos-plugin install suse-10.2 desktop vmware binary=1 desktop::gdm=1**

Same as above, only this time with a fully scoped attribute gdm=1, that will be set for the desktop plugin.

**slxos-plugin install suse-10.2 desktop vmware binary=1 gdm=1**

Bogus example, which will install desktop and vmware, but try to set binary=1 and gdm=1 for the vmware plugin. This will fail, as vmware does not support an attribute named gdm.

### Removing a Plugin

**slxos-plugin remove suse-10.2 example**

Removes the plugin named 'example' from the installed vendor-OS 'suse-10.2'.

**slxos-plugin remove suse-10.2 desktop vmware example**

Removes the three plugins desktop, vmware and example from suse-10.2.

### Listing Available Plugins

**slxos-plugin list-available**

Gives a short list of all available plugins and their description.

**slxos-plugin -verbose list-available**

Gives a detailed list of all available plugins and their description, including the names of all attributes supported by the respective plugin.

### Listing Attributes Supported by Plugins

**slxos-plugin list-attributes**

Gives a short list of all supported attributes, sorted by stage and name.

**slxos-plugin -verbose list-attributes desktop**

Gives a detailed list of the attributes supported by the 'desktop' plugin, including a description of the purpose and possible content values of each attribute.

## Listing Installed Plugins

### **slxos-plugin list-installed suse-10.2**

Gives a short list of the plugins that were installed into suse-10.2.

### **slxos-plugin -verbose list-installed suse-10.2**

Gives a detailed list of the plugins that were installed into suse-10.2, including a list of all attributes and their respective values.

slxsettings, slxos-setup, slxconfig, slxconfig-demuxer

## 6 GENERAL OPENSXLX OPTIONS

Being a part of OpenSLX, this script supports several other options which can be used to overrule the OpenSLX settings:

<code>--db-name=&lt;string&gt;</code>	name of database
<code>--db-spec=&lt;string&gt;</code>	full DBI-specification of database
<code>--db-type=&lt;string&gt;</code>	type of database to connect to
<code>--locale=&lt;string&gt;</code>	locale to use for translations
<code>--log-level=&lt;int&gt;</code>	level of logging verbosity (0-3)
<code>--logfile=&lt;string&gt;</code>	file to write logging output to
<code>--private-path=&lt;string&gt;</code>	path to private data
<code>--public-path=&lt;string&gt;</code>	path to public (client-accessible) data
<code>--temp-path=&lt;string&gt;</code>	path to temporary data

Please refer to the `slxsettings`-manpage for a more detailed description of these options.