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## 1 NAME

slxos-setup - OpenSLX-script to install a vendor-OS.

## 2 SYNOPSIS

slxos-setup [options] <action> <action-params> ...

### 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>--version</code>	show version

### Actions

**clone** <rsync-source-uri> <vendor-os-name>

clones an existing operating system via rsync

**import-into-db** <vendor-os-name>

imports a vendor-OS into the openslx-db

**install** <vendor-os-name>

installs a vendor-OS into a folder

**list-installed**

show installed vendor-OSes

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

show available selections for given vendor-OS

**list-supported**

show supported distros

**remove** <vendor-os-name>

removes an installed vendor-OS

**shell** <vendor-os-name>

starts a chrooted shell for an installed vendor-OS

**update** <vendor-os-name>

updates an installed vendor-OS

## 3 DESCRIPTION

**slxos-setup** installs an operating system into a folder which will be used as a OpenSLX-stage1-system (a.k.a. a *vendor-OS*).

You can either install a vendor-OS from scratch (causing the required packages to be downloaded or copied from a local source). Installing is supported for several different LINUX distributions, but not for all of them.

Alternatively, a locally installed operating system can be cloned into a vendor-OS.

When invoking **slxos-setup**, you have to pass it the name of the vendor-OS you wish to create.

## 4 OPTIONS

### **-help**

Prints a brief help message and exits.

### **-man**

Prints the manual page and exits.

### **-version**

Prints the version and exits.

### **vendor-os-name**

The **vendor-os-name** is the name of the vendor-OS that shall be installed, cloned, imported or updated. It corresponds to a folder in the OpenSLX-stage1-path (usually `/var/opt/openslx/stage1`). The general format of a **vendor-os-name** is:

```
<distro-name>-<release-version>  
or  
<distro-name>-<release-version>-<selection>
```

The **distro-name** is something like 'suse' or 'fedora', and the **release-version** is a numerical version, e.g. '10.1' or '6'.

If you specify a selection, too, you state that you want all the packages that are provided by the specific selection (many distributions offer several different package selections for installation, like 'kde' or 'gnome'). If you do not specify any selection, you will get the default selection of that distribution.

If you pass an unknown selection, you will see a list of the selections that are available. The available selections for any vendor-OS can be requested via the 'list-selections' action.

In clone-mode, it is a good idea to specify some unique string as the selection part of the vendor-os-name, such that you will easily recognize the vendor-OS at a later stage. We recommend something like '-cloned-from-<name-of-rsync-source>'.

#### **rsync-source-uri**

When cloning a vendor-OS, slxos-setup needs to know where to fetch the existing OS-files from. Please check the 'rsync' docs for what format an rsync-uri has.

## **5 EXAMPLES**

### **Installing a Vendor-OS**

**slxos-setup install suse-11.1**

Installs the distro suse-11.1 as a new vendor-OS.

**slxos-setup install suse-11.1-gnome**

Installs the 'gnome'-selection of distro suse-11.1 as a new vendor-OS.

### **Cloning an Operating System to Make a New Vendor-OS**

**slxos-setup clone my\_server:/ suse-11.1-clone-my\_server**

Clones the suse-11.1 system from server 'my\_server' as a new vendor-OS, which will be named 'suse-11.1-clone-my\_server'.

### **Updating a Vendor-OS**

**slxos-setup update suse-11.1**

Updates the (existing) vendor-OS 'suse-11.1'.

### **Importing an Existing Vendor-OS into the Config-DB**

**slxos-setup import-into-db suse-11.1**

Imports the (existing) vendor-OS 'suse-11.1' into the config-DB.

### **Removing a Vendor-OS**

**slxos-setup remove suse-11.1**

Wipes the (existing) vendor-OS 'suse-11.1' from disk and removes it from the config-DB, too.

## **6 SEE ALSO**

slxsettings, slxos-export, slxconfig, slxconfig-demuxer

## 7 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.