



# Intall Abaqus 2017 on a Linux System

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## Description

Table 1: Environments of Installation

Linux Distribution:	Ubuntu 14.04.4 LTS (64 bits)
Linux desktop environment:	N/A
Abaqus version:	Abaqus 2017 (64 bits)

## Prerequisite

### Install Required Packages

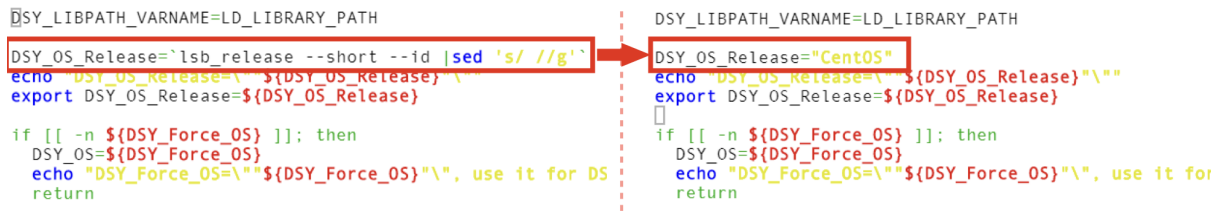
### Disguise Ubuntu as CentOS

```
Current operating system: "Linux"
DSY_OS_Release="Ubuntu"
Unknown linux release "Ubuntu"
exit 8
```

Figure 1: Unknown linux release

Table 2: Folders which contain the “Linux.sh” files

<i>InstallationFilesFolder/1/inst/common/init</i>
<i>InstallationFilesFolder/1/SIMULIA_Documentation/Allos/1/inst/common/init</i>
<i>InstallationFilesFolder/2/SIMULIA_FLEXnet_LicenseServer/Linux64/1/inst/common/init</i>
<i>InstallationFilesFolder/2/SIMULIA_AbaqusServices/Linux64/1/inst/common/init</i>
<i>InstallationFilesFolder/2/SIMULIA_AbaqusServices_CAA_API/Linux64/1/inst/common/init</i>
<i>InstallationFilesFolder/2/SIMULIA_Abaqus_CAE/Linux64/1/inst/common/init</i>
<i>InstallationFilesFolder/2/SIMULIA_Tosca/Linux64/1/inst/common/init</i>
<i>InstallationFilesFolder/3/SIMULIA_Isight/Linux64/1/inst/common/init</i>



```
DSY_LIBPATH_VARNAME=LD_LIBRARY_PATH
DSY_OS_Release=`lsb_release --short --id | sed 's/ //g'`
echo "DSY_OS_Release=\${DSY_OS_Release}"
export DSY_OS_Release=\${DSY_OS_Release}

if [[ -n \${DSY_Force_OS} ]]; then
    DSY_OS=\${DSY_Force_OS}
    echo "DSY_Force_OS=\${DSY_Force_OS}", use it for DS
    return
fi

DSY_LIBPATH_VARNAME=LD_LIBRARY_PATH
DSY_OS_Release="CentOS"
echo "DSY_OS_Release=\${DSY_OS_Release}"
export DSY_OS_Release=\${DSY_OS_Release}

if [[ -n \${DSY_Force_OS} ]]; then
    DSY_OS=\${DSY_Force_OS}
    echo "DSY_Force_OS=\${DSY_Force_OS}", use it for
    return
fi
```

Figure 2: Change the “Linux.sh” file

```
# Installation of Abaqus CAE 2017
# Thu Jun 28 15:12:11 2018
plugin_central_dir="/var/DassaultSystemes/SIMULIA/CAE/plugins/2017"
doc_root="file:///usr/DassaultSystemes/SIMULIA2017doc/English"
license_server_type=FLEXNET
abaquslm license file="27004@cert1.srv.nuigalway.ie"
#academic=TEACHING
```

Figure 3: Change the license setting in the “custom\_v6.env” file

## Installation

## Start Abaqus