

# System Component Test Cases

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## 1 Devel sub Component

1. Following packages subject to installation test:

```
xtrans
automake
dietlibc
quilt
```

2. After installation icecream and icecream scheduler packages:

Start icecream service from Service manager.

To learn whether service is started or not, execute the command below.

```
# service icecream status
```

## 2 Base sub Component

1. After installation python package:

- Do the system-eng.pdf pisi package test.
- Do the programming-eng.pdf sympy package test.
- Do the programming-eng.pdf python-iptables package test.

2. After installation openssl package:

Observe that commands below run without any errors:

```
# openssl ciphers -v
# openssl ciphers -v -tls1
# openssl speed
# openssl req -new -newkey rsa:1024 -nodes -keyout mykey.pem -out myreq.pem
// verify signature
# openssl req -in myreq.pem -noout -verify -key mykey.pem
// check info
# openssl req -in myreq.pem -noout -text
```

3. After installation usbutils package:

Observe that commands below run without any errors:

```
# usb-devices
# lsusb
```

4. After installation udev package:

Restart your computer and then check that: it opens without any errors.

Observe that sound, camera, mount, display works without any errors.

5. Packages below will only be tested by installing them.

```
e2fsprogs
```

6. After installation module-init-tools package:

Restart your computer: check that: Sound, wireless, bluetooth, camera works without any errors.

Observe that commands below run without any errors:

```
# lsmod
# modinfo ahci
```

7. After installation dnsmasq package:

- Start dnsmasq from your service manager.
- From network manager, stop your connection and restart your connection.
- Run the command below and check that: query time is showed without any errors.

```
# dig http://archlinux.org | grep "Query time"
```

8. After installation file package:

```
# wget http://cekirdek.pardus.org.tr/~semen/dist/test/office/openoffice/test_oodraw.mng
# wget http://cekirdek.pardus.org.tr/~semen/dist/test/office/openoffice/test_oodraw.odg
# wget http://cekirdek.pardus.org.tr/~semen/dist/test/office/openoffice/test_oodraw.jpg
# wget http://cekirdek.pardus.org.tr/~semen/dist/test/office/openoffice/test_oodraw.gif
# wget http://cekirdek.pardus.org.tr/~semen/dist/test/office/openoffice/test_oodraw.png
# wget http://cekirdek.pardus.org.tr/~semen/dist/test/office/openoffice/test_oodraw.tif
# wget http://cekirdek.pardus.org.tr/~semen/dist/test/office/openoffice/test_oowriter.txt
# wget http://cekirdek.pardus.org.tr/~semen/dist/test/office/openoffice/test_oodraw.ps
# wget http://cekirdek.pardus.org.tr/~semen/dist/test/office/openoffice/
test_openoffice-extension-pdfimport.pdf
```

Run the command below with the files above, check that: it finds file types without any error.

```
# file <dosya adi>
```

9. After installation mudur package:

- Restart your computer and check that: system is opened without any errors.
- Press Ctrl+Alt+F1 and switch to system console and check that: your system's language and keyboard settings are same with the ones before.
- Observe that files locale, language, keymap, which are in /etc/mudur/ directory are synchronized with your system language and keyboard.
- Observe that pisi commands run without any errors.

10. After installation tiff package:

```
# wget http://cekirdek.pardus.org.tr/~semen/dist/test/desktop/kde/base/doga.tiff
# wget http://cekirdek.pardus.org.tr/~semen/dist/test/desktop/kde/base/istanbul.tiff
```

By right clicking on the images, open them with gwenview, kolourPaint, gimp, showfoto and check that: They can be opened without any errors.

11. After installation pisi package:

- Do package-manager-eng.pdf test cases.
- Do history-manager-eng.pdf test cases.

12. After the install of baselayout package:

- Shutdown your computer, check that: it shutdowns without any errors.
- Restart your computer, check that: it restarts without any errors.
- For 2009:

```
# pisi blame baselayout
```

For 2008: <http://svn.pardus.org.tr/pardus/2008/stable/system/base/baselayout/pspec.xml> look into the lastly added comment to history tag in this link.

For both of the situations, check that: the user that's mentioned in the comments is added into the `/etc/passwd` file.

13. After installation `libxml2` package:

- Observe that the command below creates a catalog.

```
# xmlcatalog --create
```

- Run `multimedia-eng.pdf` `avidemux-qt`, `avidemux` and `inkscape` tests.

14. After installation `curl` package:

- Observe that `http://pardus.org.tr` this address's content can be taken without an any error.

```
# wget http://cekirdek.pardus.org.tr/~semen/dist/test/system/base/test_curl.php
# php test_curl.php
```

- Run `network-eng.pdf` `sylpheed` tests.

15. After installation `glib2` package:

- Do `system-eng.pdf` `openssh` package test.
- Do `system-eng.pdf` `gettext` package test.

16. After installation `gettext` package:

check that: The command below creates "network-manager.pot" file.

```
# svn co http://svn.pardus.org.tr/uludag/trunk/kde4/network-manager/
# cd network-manager/manager
# rm -rf po
# mkdir po
# xgettext setup.py
# ./setup.py update_messages
```

17. After installation `openssh` package:

Start `openssh` from service manager and check that: in the output of command below, `openssh` is working:

```
# service list
```

18. After installation `mkinitramfs` package:

Restart your computer. Observe that it is opened without any errors.

In `/boot/` directory check that: the current kernel's `initramfs` file exists.

19. `pardus-python` package will only be tested by installing.

### 3 Service sub Component

1. After installation `memcached` package:

Do `programming-eng.pdf` `python-memcached` tests.