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About the document

The main components of a PISI package are the pspec.xml, actions.py files and the source code. actions.py is a python script that contains information of the operations to be executed on the source code. This document is an overview of the Actions API library which includes the functions that are available for use in actions.py scripts.The document is currently being developed by A. Murat Eren, please mail your ideas and suggestions to meren.pardus.org.tr instead of directly editing for keeping exactness.

Actions API

Actions API has a modular structure that makes the packaging process easier for the packager. The major modules of the Actions API are:

- **Autotools**: Standard functions for building and installing applications.
- **Cmaketools**: Functions for building the applications that are configured with cmake.
- **Pisitools**: Fundamentally used for moving files to install directory from work directory, the functions included in pisitools are convenient for most operations i.e. symlinking, file manipulation via sed, deleting files or directories.
- **Shelltools**: Functions for specific operations. Apart from pisitools, shelltools is capable of operating in absolute paths instead of relative paths. Granting the ability to operate in the darkest corners of the system to the packager shelltools has to be used responsibly.
- **Libtools**: Pre-build and post-build operations for configuring libraries.
- **Get**: Functions for getting information about evnironment variables or packages needed in building and installation phases.
- **Kde**: Functions for configuring, building and installing KDE applications.
- **Perlmodules**: Functions for installing perl modules.

- **Pythonmodules**: Functions for installing python modules.
- **Scons**: Counterpart of autotools for the new generation building tools, scons.

Pisitools

dobin

```
(sourceFile, destinationDirectory = '/usr/bin')
```

Moves the **sourceFile'** ***in work directory to*** *destinationDirectory****. The default value for*** *destinationDirectory* is /usr/bin.

- pisitools.dobin("http://en.pardus-wiki.orgsed/sed"http://en.pardus-wiki.org, "http://en.pardus-wiki.org/bin"http://en.pardus-wiki.org)
- pisitools.dobin("http://en.pardus-wiki.orgzipsplit"http://en.pardus-wiki.org)

dodir

```
(destinationDirectory)
```

Creates the **(destinationDirectory)** in the install path.

- pisitools.dodir("http://en.pardus-wiki.org/usr/include/awk"http://en.pardus-wiki.org)
- pisitools.dodir("http://en.pardus-wiki.org/usr/"http://en.pardus-wiki.org + get.HOST() + "http://en.pardus-wiki.org/include"http://en.pardus-wiki.org)
- pisitools.dodir("http://en.pardus-wiki.org/usr/share/doc/%s/examples"http://en.pardus-wiki.org % get.srcTAG())

dodoc

```
(sourceFiles)
```

Copies the **sourceFiles** into /usr/share/doc/PACKAGE under the install directory.

- pisitools.dodoc("http://en.pardus-wiki.orgREADME"http://en.pardus-wiki.org)
- pisitools.dodoc("http://en.pardus-wiki.org*.html"http://en.pardus-wiki.org)
- pisitools.dodoc("http://en.pardus-wiki.orgFAQ"http://en.pardus-wiki.org, "http://en.pardus-wiki.orgREADME"http://en.pardus-wiki.org, "http://en.pardus-wiki.orgChangeLog.*"http://en.pardus-wiki.org, "http://en.pardus-wiki.orgalgorithm.txt"http://en.pardus-wiki.org)

doexe

```
(sourceFile, destinationDirectory)
```

Copies the **sourceFile** executable from work directory to destination directory.

- pisitools.doexe("http://en.pardus-wiki.orgextras/scsi-devfs.sh"http://en.pardus-wiki.org, "http://en.pardus-wiki.org/etc/udev/scripts/"http://en.pardus-wiki.org)
- pisitools.doexe("http://en.pardus-wiki.orgetc/hotplug/*.rc"http://en.pardus-wiki.org, "http://en.pardus-wiki.org/etc/hotplug/"http://en.pardus-wiki.org)

dohtml

```
(sourceFiles)
```

Copies the **sourceFiles** into /usr/share/doc/PACKAGE/html under the install directory.

- pisitools.dohtml("http://en.pardus-wiki.orgindex.html"http://en.pardus-wiki.org)
- pisitools.dohtml("http://en.pardus-wiki.orgdoc/*"http://en.pardus-wiki.org)

doinfo

```
(sourceFiles)
```

Copies the **sourceFiles** into /usr/share/info under the install directory.

- pisitools.doinfo("http://en.pardus-wiki.org*.info"http://en.pardus-wiki.org)

dolib

```
(sourceFile, destinationDirectory = '/usr/lib')
```

Copies the **sourceFile** library to /usr/lib under the install directory.

- pisitools.dolib("http://en.pardus-wiki.orglibz.a"http://en.pardus-wiki.org)
- pisitools.dolib("http://en.pardus-wiki.orglib/libpci.a"http://en.pardus-wiki.org)
- pisitools.dolib("http://en.pardus-wiki.orglibbz2.so.1.0.2"http://en.pardus-wiki.org, "http://en.pardus-wiki.org/lib"http://en.pardus-wiki.org)

dolib_a

```
(sourceFile, destinationDirectory = '/usr/lib')
```

Copies the **sourceFile** static library to /usr/lib under the install directory.

- pisitools.dolib_a("http://en.pardus-wiki.orglib/libpci.a"http://en.pardus-wiki.org)
- pisitools.dolib_a("http://en.pardus-wiki.orglibdb1.a"http://en.pardus-wiki.org)

dolib_so

```
(sourceFile, destinationDirectory = '/usr/lib')
```

Copies the **sourceFile** shared library to /usr/lib under the install directory.

- pisitools.dolib_so("http://en.pardus-wiki.orglibdb1.so.2"http://en.pardus-wiki.org)

doman

```
(sourceFiles)
```

Copies the **sourceFile** manual to /usr/share/man/ under the install directory.

- pisitools.doman("http://en.pardus-wiki.orglogrotate.8"http://en.pardus-wiki.org)
- pisitools.doman("http://en.pardus-wiki.orgdoc/bash.1"http://en.pardus-wiki.org, "http://en.pardus-wiki.orgdoc/bashbug.1"http://en.pardus-wiki.org, "http://en.pardus-wiki.orgdoc/builtins.1"http://en.pardus-wiki.org, "http://en.pardus-wiki.orgdoc/rbash.1"http://en.pardus-wiki.org)
- pisitools.doman("http://en.pardus-wiki.org*.[1-8]"http://en.pardus-wiki.org)

domo

```
(sourceFile, locale, destinationFile )
```

Makes a mo **destinationFile** for **locale** language from the **sourceFile** po file in /usr/share/locale/LOCALE/LC_MESSAGES.

- pisitools.domo("http://en.pardus-wiki.orgpo/tr.po"http://en.pardus-wiki.org, "http://en.pardus-wiki.orgtr"http://en.pardus-wiki.org, "http://en.pardus-wiki.orgpam_login.mo"http://en.pardus-wiki.org)

domove

```
(sourceFile, destination, destinationFile)
```

Moves the **sourceFile** to **destination** directory.

- pisitools.domove("http://en.pardus-wiki.org/usr/bin/passwd"http://en.pardus-wiki.org, "http://en.pardus-wiki.org/bin/"http://en.pardus-wiki.org)
- pisitools.domove("http://en.pardus-wiki.org/usr/bin/yacc"http://en.pardus-wiki.org, "http://en.pardus-wiki.org/usr/bin"http://en.pardus-wiki.org, "http://en.pardus-wiki.orgyacc.bison"http://en.pardus-wiki.org)
- pisitools.domove("http://en.pardus-wiki.org/usr/docs/"http://en.pardus-wiki.org, "http://en.pardus-wiki.org/usr/share/doc/%s/html/"http://en.pardus-wiki.org % get.srcTAG())

dosed

```
(sourceFile, findPattern, replacePattern)
```

Replaces the **findPattern** to **replacePattern** in **sourceFile** via sed.

- pisitools.dosed("http://en.pardus-wiki.orggcc/version.c"http://en.pardus-wiki.org, "http://en.pardus-wiki.org<URL:http://gcc.gnu.org/bugs.html>"http://en.pardus-wiki.org , "http://en.pardus-wiki.org<URL:http://bugs.uludag.org.tr>"http://en.pardus-wiki.org)
- pisitools.dosed("http://en.pardus-wiki.orgsshd_config"http://en.pardus-wiki.org, "http://en.pardus-wiki.org(?m)(#UsePAM).*"http://en.pardus-wiki.org, r"http://en.pardus-wiki.orgUsePAM yes"http://en.pardus-wiki.org)
- pisitools.dosed("http://en.pardus-wiki.orgunix/Makefile"http://en.pardus-wiki.org, "http://en.pardus-wiki.org-O3"http://en.pardus-wiki.org, get.CFLAGS())
- pisitools.dosed("http://en.pardus-wiki.orgMake.Rules"http://en.pardus-wiki.org, "http://en.pardus-wiki.orgHAVE_NDBM_H=yes"http://en.pardus-wiki.org, "http://en.pardus-wiki.orgHAVE_NDBM_H=no"http://en.pardus-wiki.org)
- pisitools.dosed("http://en.pardus-wiki.orgMakefile.def"http://en.pardus-wiki.org, "http://en.pardus-wiki.orgCC=cc"http://en.pardus-wiki.org, "http://en.pardus-wiki.orgCC=%s"http://en.pardus-wiki.org % get.CC())
- pisitools.dosed("http://en.pardus-wiki.orgautomake.texi"http://en.pardus-wiki.org, "http://en.pardus-wiki.org(?m)(@setfilename.*)automake"http://en.pardus-wiki.org, r"http://en.pardus-wiki.org\1automake1.7"http://en.pardus-wiki.org)

dosbin

```
(sourceFile, destinationDirectory = '/usr/sbin')
```

Moves the **sourceFile'** ***in work directory to*** *destinationDirectory****. The default value for*** *destinationDirectory* is /usr/sbin.

- pisitools.dosbin("http://en.pardus-wiki.orgtraceroute6"http://en.pardus-wiki.org)
- pisitools.dosbin("http://en.pardus-wiki.orgextras/scsi_id/scsi_id"http://en.pardus-wiki.org, "http://en.pardus-wiki.org/sbin"http://en.pardus-wiki.org)

dosym

```
(sourceFile, destinationFile)
```

Creates a symlink of the **sourceFile** as **destinationFile**.

- pisitools.dosym("http://en.pardus-wiki.orggzip"http://en.pardus-wiki.org, "http://en.pardus-wiki.org/bin/gunzip"http://en.pardus-wiki.org)
- pisitools.dosym("http://en.pardus-wiki.orglibdb1.so.2"http://en.pardus-wiki.org, "http://en.pardus-wiki.org/usr/lib/libdb.so.2"http://en.pardus-wiki.org)

- pisitools.dosym("http://en.pardus-wiki.org../bin/lsmod"http://en.pardus-wiki.org, "http://en.pardus-wiki.org/sbin/lsmod"http://en.pardus-wiki.org)
- pisitools.dosym("http://en.pardus-wiki.org/usr/X11R6/include/X11"http://en.pardus-wiki.org, "http://en.pardus-wiki.org/usr/include/X11"http://en.pardus-wiki.org)

insinto

```
(destinationDirectory, sourceFile,  destinationFile)
```

Copies the **sourceFile** to **destinationDirectory. destinationFile parameter is optional and changes the name of the copy if used.**

- pisitools.insinto("http://en.pardus-wiki.org/opt/rar/bin"http://en.pardus-wiki.org, "http://en.pardus-wiki.orgrar"http://en.pardus-wiki.org)
- pisitools.insinto("http://en.pardus-wiki.org/etc/"http://en.pardus-wiki.org, "http://en.pardus-wiki.orgdoc/nanorc.sample"http://en.pardus-wiki.org, "http://en.pardus-wiki.orgnanorc"http://en.pardus-wiki.org)
- pisitools.insinto("http://en.pardus-wiki.org/etc/hotplug"http://en.pardus-wiki.org, "http://en.pardus-wiki.orgetc/hotplug/*map"http://en.pardus-wiki.org)

newdoc

```
(sourceFile, destinationFile)
```

Copies the **sourceFile** to /usr/share/doc/PACKAGE/.

- pisitools.newdoc("http://en.pardus-wiki.orgextras/volume_id/README"http://en.pardus-wiki.org "http://en.pardus-wiki.orgREADME_volume_id"http://en.pardus-wiki.org)
- pisitools.newdoc("http://en.pardus-wiki.orggprof/ChangeLog.linux"http://en.pardus-wiki.org, "http://en.pardus-wiki.orggprof/ChangeLog.linux"http://en.pardus-wiki.org)
- pisitools.newdoc("http://en.pardus-wiki.orgbfd/PORTING"http://en.pardus-wiki.org, "http://en.pardus-wiki.orgbfd/PORTING"http://en.pardus-wiki.org)

newman

```
(sourceFile, destinationFile)
```

Copies the **sourceFile** to /usr/share/man/manPREFIX/.

- pisitools.newman("http://en.pardus-wiki.orgless.nro"http://en.pardus-wiki.org, "http://en.pardus-wiki.orgless.1"http://en.pardus-wiki.org)

remove

```
(sourceFile)
```

Deletes the **sourceFile** under the install directory.

- pisitools.remove("http://en.pardus-wiki.org/usr/lib/libdb_cxx.so"http://en.pardus-wiki.org)

rename

```
(sourceFile, destinationFile)
```

Renames the **sourceFile** as **destinationFile**.

- pisitools.rename("http://en.pardus-wiki.org/usr/bin/bash"http://en.pardus-wiki.org, "http://en.pardus-wiki.orgbash.old"http://en.pardus-wiki.org)

removeDir

```
(destinationDirectory)
```

Deletes the '**destinationDirectory** and all files inside.

- pisitools.removeDir("http://en.pardus-wiki.org/usr/lib"http://en.pardus-wiki.org)

Autotools

configure

```
(parameters)
```

Configures the package according to the parameters given by the user and PISI's default parameters.

- autotools.configure()
- autotools.configure("http://en.pardus-wiki.org--prefix=/usr"http://en.pardus-wiki.org)

rawConfigure

```
(parameters)
```

Configures the package according to the parameters given by the user.

- autotools.rawConfigure()
- autotools.rawConfigure("http://en.pardus-wiki.org--prefix %s/usr

--with-doxywizard"http://en.pardus-wiki.org % get.installDIR())
- autotools.rawConfigure("http://en.pardus-wiki.org--enable-nls --enable-freetype --disable-xmltest)

compile

```
(parameters)
```

make

```
(parameters)
```

Builds the package according to the parameters given by the user.

- autotools.make()
- autotools.make("http://en.pardus-wiki.orglocal-all"http://en.pardus-wiki.org)
- autotools.make("http://en.pardus-wiki.orgLIBS=%s"http://en.pardus-wiki.org % get.LDFLAGS())
- autotools.make("http://en.pardus-wiki.org-j1"http://en.pardus-wiki.org)

install

```
(parameters)
```

Install the package according to the parameters given by the user and PISI's default parameters.

- autotools.install()
- autotools.install("http://en.pardus-wiki.orglibdir=%s/usr/lib"http://en.pardus-wiki.org % get.installDIR())

rawInstall

```
(parameters)
```

Install the package according to the parameters given by the user.

- autotools.rawInstall("http://en.pardus-wiki.orgDESTDIR=%s"http://en.pardus-wiki.org % get.installDIR())
- autotools.rawInstall("http://en.pardus-wiki.orgDESTDIR=\"http://en.pardus-wiki.org%s\"http://en docdir=/usr/share/doc/%s/html"http://en.pardus-wiki.org % (get.installDIR(), get.srcTAG()))

aclocal

`(parameters)`

Creates an aclocal.m4 file according to the configure.in file.

- autotools.aclocal("http://en.pardus-wiki.org-I cmulocal -I config"http://en.pardus-wiki.org)
- autotools.aclocal("http://en.pardus-wiki.org-I m4"http://en.pardus-wiki.org)
- autotools.aclocal()

autoconf

`(parameters)`

Creates the configure script.

- autotools.autoconf()

autoreconf

`(parameters)`

Recreates the configure script.

- autotools.autoreconf()

automake

`(parameters)`

Creates the makefile.

- autotools.automake("http://en.pardus-wiki.org-afc"http://en.pardus-wiki.org)
- autotools.automake("http://en.pardus-wiki.org--add-missing"http://en.pardus-wiki.org)
- autotools.automake()

autoheader

`(parameters)`

Creates the header file for the configure script.

- autotools.autoheader()

Cmaketools

configure

```
(parameters, sourceDir, installPrefix = '%s' % get.defaultprefixDIR())
```

Configures the source with the given parameters.

- cmaketools.configure()
- cmaketools.configure(installPrefix = "http://en.pardus-wiki.org%s"http://en.pardus-wiki.org % (get.kdeDIR()))
- cmaketools.configure("http://en.pardus-wiki.org-DCMAKE_BUILD_TYPE=None -DKDEDIR=%s"http://en.pardus-wiki.org % get.kdeDIR(), sourceDir = "http://en.pardus-wiki.org.."http://en.pardus-wiki.org)

make

```
(parameters)
```

Builds the source with the given parameters.

- cmaketools.make()
- cmaketools.make("http://en.pardus-wiki.orgLIBS=%s"http://en.pardus-wiki.org % get.LDFLAGS())
- cmaketools.make("http://en.pardus-wiki.org-j1"http://en.pardus-wiki.org)

install

```
(parameters, argument = 'install')
```

Installs the source with the parameters given by the user and PISI's default parameters.

- cmaketools.install()
- cmaketools.install("http://en.pardus-wiki.orglibdir=%s/usr/lib"http://en.pardus-wiki.org % get.installDIR())

rawInstall

```
(parameters, argument = 'install')
```

Installs the source with the parameters given by the user.

- cmaketools.rawInstall("http://en.pardus-wiki.orgPREFIX=%s"http://en.pardus-wiki.org % get.installDIR())

Libtools

preplib

```
(sourceDirectory)
```

Executes ldconfig command in the **sourceDirectory**.

gnuconfig_update

Copies the newest config.* files to the source.

libtoolize

```
(parameters)
```

Makes it possible to execute libtool on the source.

gen_usr_ldscript

```
(dynamicLib)
```

Shelltools

can_access_file

```
(sourceFile)
```

Checks if the **sourceFile** is accessible.

- shelltools.can_access_file("http://en.pardus-wiki.org/usr/share/terminfo/%s"http://en.pardus-wiki. termfile)

can_access_directory

```
(destinationDirectory)
```

Checks if the **destinationDirectory** is accessible.

makedirs

```
(destinationDirectory)
```

Creates the **destinationDirectory**.

- shelltools.makedirs("http://en.pardus-wiki.org%s/build"http://en.pardus-wiki.org % get.workDIR())
- shelltools.makedirs("http://en.pardus-wiki.org%s/build-default-i686-pc-linux-gnu-nptl"http://en.p get.workDIR())

chmod

```
(sourceFile, mode)
```

Changes permissions of **sourceFile**.

- shelltools.chmod("http://en.pardus-wiki.orgconfig/config.sub"http://en.pardus-wiki.org)
- shelltools.chmod(get.installDIR() + "http://en.pardus-wiki.org/lib/libz.so.*"http://en.pardus-wiki.org)
- shelltools.chmod("http://en.pardus-wiki.org%s/usr/lib/misc/pt_chown"http://en.pardus-wiki.org % get.installDIR(), 4711)
- shelltools.chmod(get.installDIR() + "http://en.pardus-wiki.org/etc/ssh/sshd_config"http://en.pardus-wiki.org, 0600)

unlink

```
(sourceFile)
```

Deletes the **sourceFile**.

- shelltools.unlink(get.workDIR() + '/' + get.srcDIR() + "http://en.pardus-wiki.org/missing"http://en.pardus-wiki.org)

unlinkDir

```
(sourceDirectory)
```

Deletes the **sourceDirectory** and all subdirectories.

- shelltools.unlinkDir(get.workDIR() + "http://en.pardus-wiki.org/tmpbuild"http://en.pardus-wiki.org)

move

```
(sourceFile, destinationFile)
```

Moves the **sourceFile** to **destinationFile**.

- shelltools.move("http://en.pardus-wiki.orgac-wrapper.sh"http://en.pardus-wiki.org, "http://en.pardus-wiki.org%s/usr/lib/misc/"http://en.pardus-wiki.org % get.installDIR())
- shelltools.move("http://en.pardus-wiki.orgproc/*.h"http://en.pardus-wiki.org, "http://en.pardus-wiki.org%s/usr/include/proc/"http://en.pardus-wiki.org % get.installDIR())

copy

```
(sourceFile, destinationFile)
```

Copies the **sourceFile** to **destinationFile**.

- shelltools.copy("http://en.pardus-wiki.orgMakefile.pre.in"http://en.pardus-wiki.org, "http://en.pardus-wiki.org%s/usr/lib/python2.3/config/"http://en.pardus-wiki.org % get.installDIR())
- shelltools.copy("http://en.pardus-wiki.orgscripts/*"http://en.pardus-wiki.org, "http://en.pardus-wiki.org%s/usr/bin/"http://en.pardus-wiki.org % get.installDIR())

copytree

```
(source, destination, sym=False)
```

Copies the **source** directory to **destination** directory.

- shelltools.copytree("http://en.pardus-wiki.orginclude/linux/"http://en.pardus-wiki.org, "http://en.pardus-wiki.org%s/usr/include/linux/"http://en.pardus-wiki.org % get.installDIR())
- shelltools.copytree("http://en.pardus-wiki.orginclude/asm-generic/"http://en.pardus-wiki.org, "http://en.pardus-wiki.org%s/usr/include/asm-generic/"http://en.pardus-wiki.org % get.installDIR())

touch

```
(sourceFile)
```

Sets the last access date of **sourceFile** to current time.

- shelltools.touch(get.workDIR() + "http://en.pardus-wiki.orgaclocal.m4"http://en.pardus-wiki.org)
- shelltools.touch("http://en.pardus-wiki.orggcc/c-gperf.h"http://en.pardus-wiki.org)

cd

```
(directoryName)
```

Changes the current working directory to **directoryName**.

- shelltools.cd("http://en.pardus-wiki.orgbuild_unix"http://en.pardus-wiki.org)
- shelltools.cd("http://en.pardus-wiki.org%s/build-default-i686-pc-linux-gnu-nptl"http://en.pardus-w
  get.workDIR())

ls

```
(source)
```

Returns a list of all files and directories in the **source** directory.

- shelltools.ls(get.installDIR() + "http://en.pardus-wiki.org/usr/lib/*w.*"http://en.pardus-wiki.org)

export

```
(key, value)
```

Sets the value for **key** environment variable to **value**.

- shelltools.export("http://en.pardus-wiki.orgWANT_AUTOCONF"http://en.pardus-wiki.org, "http://en.pardus-wiki.org2.5"http://en.pardus-wiki.org)
- shelltools.export("http://en.pardus-wiki.orgCXX"http://en.pardus-wiki.org, get.CXX())
- shelltools.export("http://en.pardus-wiki.orgLDFLAGS"http://en.pardus-wiki.org, get.LDFLAGS() + "http://en.pardus-wiki.org-Wl,-z,now"http://en.pardus-wiki.org)
- shelltools.export("http://en.pardus-wiki.orgLC_ALL"http://en.pardus-wiki.org, "http://en.pardus-wiki.orgC"http://en.pardus-wiki.org)

system

```
(command)
```

Executes the **command** in the system shell.

- shelltools.system("http://en.pardus-wiki.org./update-pciids.sh &> /dev/null"http://en.pardus-wiki.org)

isLink

`(sourceFile)`

Checks if the sourceFile is a link.

- shelltools.isLink(get.installDIR() + '/maybe/link')

realPath

`(sourceFile)`

Returns the real path of the **sourceFile** link.

- shelltools.realPath(get.installDIR() + link)

baseName

`(sourceName)`

Returns the name of the **sourceName** real path.

- shelltools.baseName(shelltools.realPath(link))

dirName

`(sourceName)`

Returns the directory of **sourceName**.

sym

`(sourceFile, destinationFile)`

Links the **destinationFile** to **sourceFile**.

Get

curDIR

`(None)`

- get.curDIR()

curKERNEL

`(None)`

- get.curKERNEL()

curPYTHON

`(None)`

Returns currently used python's version (i.e python2.5)

curPERL

`(None)`

- get.curPERL()

pkgDIR

`(None)`

Returns the paths of work and install directories of the package.

- get.pkgDIR()

workDIR

`(None)`

Returns the path of work directory.

- get.workDIR()

installDIR

`(None)`

Returns the path of install directory.

- get.installDIR()

srcNAME

`(None)`

Returns the name of source package.

srcVERSION

`(None)`

Returns the version of source package.

srcRELEASE

`(None)`

Returns the release number of source package.

srcTAG

`(None)`

Returns the name, version and release number of source package.

srcDIR

`(None)`

HOST

`(None)`

CFLAGS

```
(None)
```

CXXFLAGS

```
(None)
```

LDFLAGS

```
(None)
```

docDIR

```
(None)
```

sbinDIR

```
(None)
```

infoDIR

```
(None)
```

manDIR

```
(None)
```

dataDIR

```
(None)
```

confDIR

```
(None)
```

localstateDIR

```
(None)
```

defaultprefixDIR

```
(None)
```

kdeDIR

```
(None)
```

qtDIR

```
(None)
```

qtLIBDIR

```
(None)
```

AR

```
(None)
```

AS

```
(None)
```

CC

```
(None)
```

CXX

```
(None)
```

LD

```
(None)
```

NM

```
(None)
```

RANLIB

```
(None)
```

F77

```
(None)
```

GCJ

```
(None)
```

Kde

configure

```
(parameters)
```

make

```
(None)
```

install

```
(None)
```

Perlmodules

configure

`(parameters)`

Configures the perl source code with the given parameters.

- perlmodules.configure("http://en.pardus-wiki.org/usr"http://en.pardus-wiki.org)
- perlmodules.configure()

make

`(parameters)`

Builds the perl source code with the given parameters.

- perlmodules.make()

install

`(parameters)`

Installs the perl source code with the given parameters.

- perlmodules.install()

Pythonmodules

compile

`(parameters)`

Compiles the python source code with the given parameters.

install

`(parameters)`

Executes python setup.py install command in the install directory with the given parameters.

run

`(parameters)`

Runs the python script with the given parameters.

Scons

make

```
(parameters)
```

install

```
(parameters)
```