Cheatography

Pisi Linux Command Line Guide Cheat Sheet

by groni (groni) via cheatography.com/20347/cs/3141/

Listing Packages:

pisi list-available repo-name

list-available command with repo-name parameter is used in order to list all packages in the proper repository

Getting Help:

pisi help
pisi help command-name

help command is used in order to get help about pisi-cli.
help command with command-name parameter can be used for getting help about a specific command.

Displaying history:

pisi history

history command displays the history of installations/deinstallations/updates of packages.

Removing Locks:

pisi clean

clean command is used in order to delete outdated locks.

Getting Package Relations:

pisi graph package-name

graph command with package-name parameter is used for getting package relations via graphviz.

Searching Files:

pisi search-file /path/file

search-file command with file-name parameter is used in order to find which package does a file belong to.

Deleting Files in Cache:

pisi delete-cache

delete-cache command is used in order to delete files(packages, source codes etc.) stored in cache and this clean up your System.

Other Operations:

Rebuilding PiSi Database
pisi rebuild-db

rebuild-db command is used in order to rebuild pisi package database.



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Checking Packages:

pisi check package-name

check command with package-name parameter is used for checking if the package is installed correctly.

Searching Packages:

pisi search search-key1 search-key2

searching for packages

Configuring Pending Packages

pisi configure-pending

configure-pending command is be used in order to configure packages which are not already configured by COMAR

Listing Source Packages:

pisi list-sources

list-sources command is used for listing available source packages

Listing Pending Packages:

pisi list-pending

list-pending command is used for listing pending package operations.

Listing Installed Packages:

list-installed command is used in order to list installed packages.

pisi list-installed

list-installed command with repo-name parameter is used in order to list installed packages from a proper repository

pisi list-installed repo-name

Listing Upgrades:

pisi list-upgrades

list-upgrades command is used in order to list upgrades in all repositories.

Listing Packages:

pisi list-available

list-available command is used in order to list all packages in the all repositories.



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Repository Operations

pisi add-repo repo-address http://repo.address.com/repo/directory/pisi-index.xml

• Local addresses i.e. /home/example/pisi/repo/pisi-index.xml

• Web addresses i.e. http://example.com/pisi/repo/pisi-index.xml

Note: Default name for repository index file is pisi-index.xml, but compressing it as pisi-index.xml.bz2 can

also be used in order to prevent high bandwidth usage.

Building Packages from Source Repository:

pisi emerge package-name

emerge command with package-name parameter is used in order to build a package and all dependencies from the source repository.

Building Packages from Source:

pisi build /home/example/pisi/repo/pisi-index.xml

build command with package-address parameter is used in order to build packages from source.

Getting Package Information:

pisi info package-name
pisi info package-name1 package-name2

info command with package-name parameter is used in order to get information about a package. Getting information for multiple packages can be achieved by separating the packages names by a space.

Excluding Packages from upgrade:

To update all the updatable packages exceptCreating Repository Index
firefox:
pisi upgrade -x firefox
Similarly, if you don't want to update the packages that are part of the desktop.kde system component, do :
pisi upgrade -x desktop.kde
Updating just one package without updating the others
pisi upgrade package-name –ignore-safety

Upgrading Packages:

pisi upgrade package-name
pisi upgrade package-name1 package-name2
All available packages can be upgraded by using upgrade command without any parameters.
pisi up -dvs

upgrade command with package-name parameter is used in order to upgraded packages. Multiple packages can be upgraded by separating the package names by a space.



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Removing packages:

pisi remove package-name
pisi remove package-name1 package-name2

remove command with package-name parameter is used in order to remove packages. Multiple packages can be removed by separating the package names by a space.

Installing Packages:

pisi it package-name –ignore-safety

Installing just one package without installing all the upgradable packages available

Package Operations:

Installing Packages:
pisi install package-name
pisi install package-name1 package-name2

install command with package-name parameter is used in order to install packages. Multiple packages can be installed by separating the package names by a space.

Creating Repository Index

pisi index

index command in the repo directory is used in order to create the repository index (pisi-index.xml)

Listing Components:

pisi list-components repo-name

One or more repo-name parameters can be used in order to list components in proper repositories.

Listing Components:

pisi list-components

list-components command is used in order to list all components in available repositories.

Updating Repositories

pisi update-repo repo-name

One or more repo-name parameters can be used in order to update proper repositories.



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Updating Repositories

pisi update-repo

update-repo command is used in order to update all available repositories.

Listing Repositories

pisi list-repo

list-repo command is used in order to list which repositories are available.

Remove Repositories

pisi remove-repo repo-name

remove-repo command with repo-name parameter is used in order to remove repositories



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