

prt-get Quick Reference

prt-get version 5.12

Installation and updates

```
prt-get install port1 port2... install ports
prt-get depinst port1 port2... install ports including their dependencies
prt-get update port1 port2... update ports
prt-get grpinst port1 port2... install ports, stop on error
prt-get remove port1 port2... remove ports
```

Options:

```
-f, -fi force installation
-fr force rebuild
-uf update footprint
-if ignore footprint
-um update md5sum
-im ignore md5sum
--margs=string pass 'string' to pkgmk
--aargs=string pass 'string' to pkgadd
--rargs=string pass 'string' to pkgrm
--test test mode
--log write log file
--ignore=port1,... Don't install/update those packages
--pre-install execute pre-install script
--post-install execute post-install script
--install-scripts execute pre-install and post-install script
```

Examples:

```
prt-get ...
  install screen          Simply install screen
  install irssi --log     install irssi and write a log file
  depinst gnome-lite --test check what happens when installing gnome-lite incl. dependencies
```

Searching

```
prt-get search name      search for port containing name
prt-get dsearch string   search descriptions for string
prt-get fsearch file     search for package containing file
```

Options:

```
-v Show version number
-vv Show version number and description (if available)
--path Prepend path to port
--regex Interpret pattern as regular expression
--full In fsearch: search the full path
```

Examples:

```
prt-get ...
  search -vv kde          List ports containing kde in their name with version and desc.
  dsearch irc             Search ports containing irc in their name or description
  search libdb            Search ports containing a file that matches libdb
  search --regex ^lib     Search ports containing a file that matches the regexp ^lib
  fsearch ls              Search port containing ls
  fsearch --full /bin/ls  Search port containing /bin/ls
```

Information

```
prt-get info port        print information about port
prt-get path port        print filesystem path to port
prt-get readme port      print readme of port
prt-get isinst port ...  check whether ports are installed
prt-get current port     print current version of port
```

Options:

```
-v Only for info: also show readme
```

System update

```
prt-get sysup           update all ports which are outdated
prt-get lock port ...   Lock port at current version, ignore in sysup
prt-get unlock port ... Remove lock from port
prt-get listlocked      List locked ports
```

Options:

```
--nodeps don't sort by dependencies
--test test mode
--log write log file
--prefer-higher prefer higher installed versions over lower ones in ports tree
--strict-diff override prefer higher configuration setting
--ignore=port1,port2,... Ignore listed ports
```

Checking for updates

```
prt-get diff [port1 ...] list outdated packages (or check args for change)
prt-get quickdiff       same as diff with compressed format
```

Options:

```
--all display locked ports too
--prefer-higher prefer higher installed versions over lower ports
--strict-diff override prefer higher configuration setting
```

Dependencies

Dependencies are only supported if the package lists them. Traditionally, CRUX's *base* and *opt* packages don't, but prt-get includes a dependency list for ports from *opt* which provides dependencies for those ports, too.

```
prt-get depends port1 port2... show dependencies for these ports
prt-get quickdep port1 port2... same as 'depends' but simple format
prt-get deptree port          show dependencies tree for port
prt-get dependent port        show installed packages which depend on 'port'
```

Options:

```
--all list all dependent packages, not only installed (only for dependent)
--recursive list dependent packages recursively
--tree list dependent packages recursively in a tree structure
```

Examples:

```
prt-get ...
  depends subversion      print subversion's dependencies
  dependent qt3           show installed packages that depend on qt3
  dependent --all qt3     show all packages that depend on qt3
```

Listing

`prt-get list` List available ports
`prt-get printf format` List ports using *format*
`prt-get listinst` List installed ports
`prt-get listorphans` List installed ports with no dependent ports
`prt-get dup` list duplicate ports

Options:

`-v` Show version number; only for *list* and *listinst*
`-vv` Show version number and description; only for *list* and *listinst*
`--path` Prepend path to port; only for *list*
`--filter=filter` filter result

printf format specifier:

<code>%n</code>	name
<code>%p</code>	path
<code>%v</code>	version
<code>%r</code>	release
<code>%d</code>	description
<code>%e</code>	dependencies
<code>%u</code>	URL
<code>%P</code>	Packager
<code>%M</code>	Maintainer
<code>%R</code>	Readme (yes/no)
<code>%E</code>	pre-install script (yes/no)
<code>%O</code>	post-install script (yes/no)
<code>%l</code>	is locked (yes/no)
<code>%i</code>	is installed (yes/no/diff)
<code>\t</code>	tabulator character
<code>\n</code>	newline character

Examples:

`prt-get ...`
`list --path` List all packages with full path
`printf '%n: %d\n'` List name and description of all available packages

File operations

`prt-get ls port` print a listing of the *port*'s directory
`prt-get cat port [file]` Print *file*, or Pkgfile of *port* if no *file* given
`prt-get edit port [file]` Edit *file*, or Pkgfile of *port* if no *file* given

Options:

`--path` for *ls* only: prepend path to filenames

Examples:

`prt-get ...`
`cat gcc .footprint` Print gcc's footprint
`edit gcc` Edit gcc's Pkgfile

Internal

`prt-get help` print a quick list of commands and options
`prt-get version` Print prt-get's current version

General options

`--cache` Use a cache file
`--config=file` Use alternative configuration file
`--install-root=root` Use alternative install root directory
`--no-std-config` Don't parse default configuration file
`--config-prepend=..` Prepend '..' to configuration
`--config-append=..` Append '..' to configuration
`--config-set=..` Set configuration data '..', overriding config file

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