# Cheatography

# Android Package Manager (pm) Cheat Sheet by Ryan Johnson (CITguy) via cheatography.com/138/cs/871/

#### pm commands

list permission-groups

Prints all known permission groups

#### list features

Prints all features of the system

#### list libraries

Prints all the libraries supported by current device

#### list users

Prints all users on system

path PACKAGE

Print the path to the APK of given PACKAGE

#### clear PACKAGE

Deletes all data associated with a package

#### enable PKG | COMPONENT

Enable given package or component (written as "package/class")

#### disable PKG | COMPONENT

Disable given package or component (written as "package/class")

#### grant PERMISSION

Grant permissions to applications. Only optional permissions the application has declared can be granted.

#### revoke PERMISSION

Revoke permissions to applications. Only optional permissions the application has declared can be revoked.

#### set-permission-enforced PERMISSION [true|false]

Specifies whether the given permission should be enforced.



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#### pm commands (cont)

#### trim-caches DESIRED\_FREE\_SPACE

Trim cache files to reach given free space

#### create-user USERNAME

Create new user with given USERNAME, printing the new user identifier of the user

#### remove-user USER\_ID

Remove the user with given USER ID, deleting all data associated with that user

#### get-max-users

Prints the maximum number of users supported by the device

#### pm command : install

- -1
  - Install package with forward lock

-r

Reinstall an existing app, keeping its data

Allow test APKs to be installed

-i NAME

- Specify the installer package name
- -S

Install package on the shared mass storage (such as sdcard)

-f

-d

Install package on internal system memory

```
Allow version code downgrade
```

install [options] <PATH>

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#### pm command : uninstall

-k Keep the data and cache directories around after removal

uninstall [options] <PACKAGE>

#### pm command : set-install-location

Location Values

n

2

0

2

Auto - let system decide best location

Internal - internal device storage

External - install on external media

set-install-location LOCATION

#### pm command : get-install-location

**Return Values** 

Auto - system decides best location

Internal - internal device storage

External - install on external media

get-install-location

pm commands : disable-user

--user USER ID

User to disable

disable-user [options] (PKG | COMPONENT)

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## pm command : list packages -f

See their associated file

-d

Only show disabled packages

#### -е

Only show enabled packages

#### -S

Only show system packages

### -3

Only show third party packages

### -i

See the installer for the packages

#### -u

Include uninstalled packages

#### --user <USER\_ID>

User space to query

list packages [options] <FILTER>

#### pm command : list permissions

-g

Organize by group

### -f

Print all information

### -s

Short summary

# -d

Only list dangerous permissions

#### -u

Only list permissions users will see

list permissions [options] <GROUP>



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#### pm command : list instrumentation

-f

List the APK file for the test package

list instrumentation [options]