<https://www.cnblogs.com/zzg-home/p/8032807.html>

apt-cache是linux下的一个apt软件包管理工具，它可查询apt的二进制软件包缓存文件。APT包管理的大多数信息查询功能都可以由apt-cache命令实现,通过apt-cache命令配合不同的子命令和参数的使用,可以实现查找,显示软件包信息及包依赖关系等功能.

1> apt-cache show package\_name

显示指定软件包的信息，包括版本号，安装状态和包依赖关系等.

2> apt-cache search package\_name

搜索软件包，可以按关键字查找软件包,通常用于查询的关键字会使用软件包的名字或软件包的一部分.

3> apt-cache showpkg package\_name

显示软件包的依赖关系信息.

4> apt-cache stats

显示当前系统所使用的数据源的统计信息,用户可以使用该命令查看数据源的相关统计信息.

5> apt-cache policy package\_name

显示软件包的安装状态和版本信息.

6> apt-cache depends package\_name

显示指定软件包所依赖的软件包。当用户需要了解某个软件包依赖于其他哪些包时,可以使用apt-cache depends来查询包依赖关系.

7> apt-cache rdepends package\_name

查询指定软件包的反向依赖关系,即那些其他的软件包需要依赖你所指定的软件包做为安装和运行的必须条件.

8>apt-cache dump  
显示缓存中的每个软件包的简要描述信息.

9>apt-cache unmet  
显示不符合一致性的依赖关系.

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【from <http://www.9usb.net/200811/linux-apt-cache.html>】

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**manfile：**

OPTIONS  
       All command line options may be set using the configuration file, the descriptions indicate the configuration option to set. For boolean  
       options you can override the config file by using something like -f-,--no-f, -f=no or several other variations.

       -p, --pkg-cache  
           Select the file to store the package cache. The package cache is the primary cache used by all operations. Configuration Item:  
           Dir::Cache::pkgcache.

       -s, --src-cache  
           Select the file to store the source cache. The source is used only by gencaches and it stores a parsed version of the package  
           information from remote sources. When building the package cache the source cache is used to avoid reparsing all of the package  
           files. Configuration Item: Dir::Cache::srcpkgcache.

       -q, --quiet  
           Quiet; produces output suitable for logging, omitting progress indicators. More q´s will produce more quietness up to a maximum of 2.  
           You can also use -q=# to set the quietness level, overriding the configuration file. Configuration Item: quiet.

       -i, --important  
           Print only important dependencies; for use with unmet. Causes only Depends and Pre-Depends relations to be printed. Configuration  
           Item: APT::Cache::Important.

       -f, --full  
           Print full package records when searching. Configuration Item: APT::Cache::ShowFull.

       -a, --all-versions  
           Print full records for all available versions. This is the default; to turn it off, use --no-all-versions. If --no-all-versions is  
           specified, only the candidate version will displayed (the one which would be selected for installation). This option is only  
           applicable to the show command. Configuration Item: APT::Cache::AllVersions.

       -g, --generate  
           Perform automatic package cache regeneration, rather than use the cache as it is. This is the default; to turn it off, use --no-generate. Configuration Item: APT::Cache::Generate.

       --names-only, -n  
           Only search on the package names, not the long descriptions. Configuration Item: APT::Cache::NamesOnly.

       --all-names  
           Make pkgnames print all names, including virtual packages and missing dependencies. Configuration Item: APT::Cache::AllNames.

       --recurse  
           Make depends and rdepends recursive so that all packages mentioned are printed once. Configuration Item: APT::Cache::RecurseDepends.

       --installed  
           Limit the output of depends and rdepends to packages which are currently installed. Configuration Item: APT::Cache::Installed.

       -h, --help  
           Show a short usage summary.

       -v, --version  
           Show the program version.

       -c, --config-file  
           Configuration File; Specify a configuration file to use. The program will read the default configuration file and then this  
           configuration file. See apt.conf(5) for syntax information.

       -o, --option  
           Set a Configuration Option; This will set an arbitrary configuration option. The syntax is -o Foo::Bar=bar.  -o and --option can be  
           used multiple times to set different options.