

NAME

rmadison — Remotely query the Debian archive database about packages

SYNOPSIS

rmadison [*OPTIONS*] *PACKAGE* ...

DESCRIPTION

dak ls queries the Debian archive database (“projectb”) and displays which package version is registered per architecture/component/suite. The CGI at <https://qa.debian.org/madison.php> provides that service without requiring SSH access to ftp-master.debian.org or the mirror on mirror.ftp-master.debian.org. This script, **rmadison**, is a command line frontend to this CGI.

OPTIONS

- a, --architecture=ARCH**
only show info for ARCH(s)
 - b, --binary-type=TYPE**
only show info for binary TYPE
 - c, --component=COMPONENT**
only show info for COMPONENT(s)
 - g, --greaterorequal**
show buildd 'dep-wait pkg >= {highest version}' info
 - G, --greaterthan**
show buildd 'dep-wait pkg >> {highest version}' info
 - h, --help**
show this help and exit
 - s, --suite=SUITE**
only show info for this suite
 - r, --regex**
treat PACKAGE as a regex
- Note:** Since **-r** can easily DoS the database (“-r .”), this option is not supported by the CGI on qa.debian.org and most other installations.
- S, --source-and-binary**
show info for the binary children of source pkgs
 - t, --time**
show projectb snapshot and reload time (not supported by all archives)
 - u, --url=URL[,URL ...]**
use *URL* for the query. Supported shorthands are
debian <https://api.ftp-master.debian.org/madison>
new <https://api.ftp-master.debian.org/madison?s=new>
qa <https://qa.debian.org/madison.php>
ubuntu <https://people.canonical.com/~ubuntu-archive/madison.cgi>
udd <https://qa.debian.org/cgi-bin/madison.cgi>
- See the **RMADISON_URL_MAP_** variable below for a method to add new shorthands.
- version**
show version and exit
 - no-conf, --noconf**
don't read the devscripts configuration files

ARCH, COMPONENT and SUITE can be comma (or space) separated lists, e.g. **--architecture=m68k,i386**

CONFIGURATION VARIABLES

The two configuration files */etc/devscripts.conf* and *~/devscripts* are sourced by a shell in that order to set configuration variables. Command line options can be used to override configuration file settings. Environment variable settings are ignored for this purpose. The currently recognised variables are:

RMADISON_URL_MAP_SHORTHAND=URL

Add an entry to the set of shorthand URLs listed above. *SHORTHAND* should be replaced with the shorthand form to be used to refer to *URL*.

Multiple shorthand entries may be specified by using multiple **RMADISON_URL_MAP_*** variables.

RMADISON_DEFAULT_URL=URL

Set the default URL to use unless overridden by a command line option. For Debian this defaults to *debian*. For Ubuntu this defaults to *ubuntu*.

RMADISON_ARCHITECTURE=ARCH

Set the default architecture to use unless overridden by a command line option. To run an unrestricted query when **RMADISON_ARCHITECTURE** is set, use **--architecture='*'**.

RMADISON_SSL_CA_FILE=FILE

Use the specified CA file instead of the default CA bundle for curl/wget, passed as **--cacert** to curl, and as **--ca-certificate** to wget.

RMADISON_SSL_CA_PATH=PATH

Use the specified CA directory instead of the default CA bundle for curl/wget, passed as **--capath** to curl, and as **--ca-directory** to wget.

NOTES

dak ls was formerly called **madison**.

The protocol used by **rmadison** is fairly simple, the CGI accepts query the parameters *a*, *b*, *c*, *g*, *G*, *r*, *s*, *S*, *t*, and *package*. The parameter *text* is passed to enable plain-text output.

SEE ALSO

dak(1), **madison-lite**(1)

AUTHOR

rmadison and <https://qa.debian.org/madison.php> were written by Christoph Berg <myon@debian.org>. **dak** was written by James Troup <james@ncrew.org>, Anthony Towns <ajt@debian.org>, and others.