NAME

pkg audit - audit installed packages against known vulnerabilities

SYNOPSIS

pkg audit [**-Fqr**] [**-f** *filename*] [**-R**[*format*]] [*pkg-name*]

pkg audit [**--{fetch,quiet,recursive}**] [**--file** *filename*] [**--raw**[*=format*]] [*pkg-name*]

DESCRIPTION

pkg audit checks installed packages for known vulnerabilities and generates reports including references to security advisories. Its intended audience is system administrators and individual users.

pkg audit uses a database maintained by port committers and the FreeBSD security team to check if security advisories for any installed packages exist. Note that a current ports tree (or any local copy of the ports tree) is not required for operation.

The URL that is used to fetch the database can be overridden via the VULNXML_SITE config variable. See pkg.conf(5) for more information.

If you have a vulnerable package installed, you are advised to update or deinstall it immediately.

Supplying a *pkg-name* will audit only that package.

OPTIONS

The following options are supported by **pkg audit**:

-F, **--fetch**
> Fetch the database before checking.

-f *filename*, **--file** *filename*
> Use *filename* as the local copy of the vulnerability database. If used in combination with **-F** download the vulnerability database to the named *filename* before auditing installed ports against it.

-q, **--quiet**
> Be "quiet". Prints only the requested information without displaying many hints.

-R[*format*], **--raw**[*=format*]
> Present the output in one of the following formats:

- **json**
- **json-compact**
- **ucl**
- **yaml**

In case *format* is not provided, it defaults to **ucl**.

-r, **--recursive**

Prints packages that depend on vulnerable packages and are thus potentially vulnerable as well.

ENVIRONMENT

The following environment variables affect the execution of **pkg audit**. See pkg.conf(5) for further description.

PKG_DBDIR

VULNXML_SITE

FILES

See pkg.conf(5).

SEE ALSO

pkg_create(3), pkg_printf(3), pkg_repos(3), pkg-keywords(5), pkg-lua-script(5), pkg-repository(5), pkg-script(5), pkg-triggers(5), pkg.conf(5), pkg(8), pkg-add(8), pkg-alias(8), pkg-annotate(8), pkg-autoremove(8), pkg-check(8), pkg-clean(8), pkg-config(8), pkg-create(8), pkg-delete(8), pkg-fetch(8), pkg-info(8), pkg-install(8), pkg-lock(8), pkg-query(8), pkg-register(8), pkg-repo(8), pkg-rquery(8), pkg-search(8), pkg-set(8), pkg-shell(8), pkg-shlib(8), pkg-ssh(8), pkg-stats(8), pkg-triggers(8), pkg-update(8), pkg-updating(8), pkg-upgrade(8), pkg-version(8), pkg-which(8)