

**NAME**

cloud - read, edit, and manipulate cloud documents

**SYNOPSIS**

**cloud edit** [-c|-f] [-t] *document*

**cloud cat** [-f] *document...*

**cloud extract** [-d *pattern*] [-f] [-p] *document search-text ...*

**cloud sync** [-m *explanation*]

**DESCRIPTION**

**cloud** is a wrapper for a Subversion or Mercurial repository, allowing it to be used as a rudimentary data cloud. **cloud** automatically refreshes documents before use, and when editing, automatically pushes the changes back with a generated commit comment.

Encrypted files may be managed by assigning them a `.cpt` extension. These files are decrypted via pipelines when read; there are no intermediary files. When edited, they are decrypted to a temporary file which is edited, re-encrypted, and removed. Crypto is done using **ccrypt(1)**.

**SUBCOMMANDS**

**cloud cat** concatenates documents, decrypting `.cpt` documents as it goes.

**cloud edit** edits a cloud document. Text and Markdown documents are edited in the terminal. For other documents, system document-type preferences are used to launch an appropriate utility.

**cloud extract** displays lines or paragraphs of a document that contain specified search terms. If multiple terms are specified, all terms must be present to match.

**cloud sync** synchronizes cloud documents, retrieving updates from and/or pushing local updates to the repository. Note that other commands do this as part of their execution; this command is to re-synchronize after being off-network.

**OPTIONS**

**-c, --create**

Create the file if it does not exist. Without this option, it is an error if the document does not exist. This option is mutually exclusive with **-f**.

**-d PATTERN, --divider=PATTERN**

Use the shell pattern to identify paragraph separators when extracting in paragraph mode (see **-p**).

**-f, --find**

Find the files. With this option, a document's path may be omitted if there is exactly one document matching the filename. This option is mutually exclusive with **-c**.

**-m MESSAGE, --message=MESSAGE**

A change message to include when committing changes to the back-end repository. If omitted, a generic message is generated.

**-p, --paragraph**

Apply search criteria to paragraphs rather than lines of text.

**-t, --text**

Treat file as a text file, ignoring the document's extension.

**EXIT STATUS**

0 on success, non-0 on error.

**cloud extract** returns 0 if matches were found, 1 on error, or 2 if there were no matches.

**SEE ALSO**

**ccrypt(1)**, **now(1)**, **pass(1)**, **pn(1)**, **queue2ics(1)**, **tasks(1)**

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