Memory

The memory backend is an in RAM backend. It does not persist its data - use the local backend for that.

The memory backend behaves like a bucket based remote (e.g. like s3). Because it has no parameters you can just use it with the `:memory:` remote name.

You can configure it as a remote like this with `rclone config` too if you want to:

```
No remotes found - make a new one
n) New remote
s) Set configuration password
q) Quit config
n/s/q> n
name> remote
Type of storage to configure.
Enter a string value. Press Enter for the default ("").
Choose a number from below, or type in your own value
[snip]
XX / Memory
   \ "memory"
[snip]
Storage> memory
** See help for memory backend at: https://rclone.org/memory/ **

Remote config

--------------------
[remote]
type = memory
--------------------
y) Yes this is OK (default)
e) Edit this remote
d) Delete this remote
y/e/d> y
```

Because the memory backend isn't persistent it is most useful for testing or with an rclone server or rclone mount, e.g.

```
rclone mount :memory: /mnt/tmp
rclone serve webdav :memory:
rclone serve sftp :memory:
```

Modified time and hashes

The memory backend supports MD5 hashes and modification times accurate to 1 nS.

Restricted filename characters

The memory backend replaces the [default restricted characters set](#).