OpenDrive

Paths are specified as `remote:path`

Paths may be as deep as required, e.g. `remote:directory/subdirectory`.

Here is an example of how to make a remote called `remote`. First run:

```
rclone config
```

This will guide you through an interactive setup process:

```
n) New remote
d) Delete remote
q) Quit config
e/n/d/q> n
name> remote
Type of storage to configure.
Choose a number from below, or type in your own value
[snip]
XX / OpenDrive
   \ "opendrive"
[snip]
Storage> opendrive
Username
username>
Password
y) Yes type in my own password
g) Generate random password
y/g> y
Enter the password:
password:
Confirm the password:
password:
--------------------
[remote]
username =
password = *** ENCRYPTED ***
--------------------
y) Yes this is OK
e) Edit this remote
d) Delete this remote
y/e/d> y
```

List directories in top level of your OpenDrive

```
rclone lsd remote:
```

List all the files in your OpenDrive

```
rclone ls remote:
```

To copy a local directory to an OpenDrive directory called backup

```
rclone copy /home/source remote:backup
```

Modified time and MD5SUMs

OpenDrive allows modification times to be set on objects accurate to 1 second. These will be used to detect whether objects need syncing or not.

Restricted filename characters

Character	Value	Replacement
NUL	0x00	␀
/	0x2F	／
"	0x22	＂
*	0x2A	＊
:	0x3A	：
<	0x3C	＜
>	0x3E	＞
?	0x3F	？
\	0x5C	＼
|	0x7C	｜

File names can also not begin or end with the following characters. These only get replaced if they are the first or last character in the name:

Character	Value	Replacement
SP	0x20	␠
HT	0x09	␉
LF	0x0A	␊
VT	0x0B	␋
CR	0x0D	␍

Invalid UTF-8 bytes will also be [replaced](#), as they can't be used in JSON strings.

Standard Options

Here are the standard options specific to opendrive (OpenDrive).

--opendrive-username

Username

- Config: username
- Env Var: RCLONE_OPENDRIVE_USERNAME
- Type: string
- Default: ""

--opendrive-password

Password.

NB Input to this must be obscured - see [rclone obscure](#).

- Config: password
- Env Var: RCLONE_OPENDRIVE_PASSWORD
- Type: string
- Default: ""

Advanced Options

Here are the advanced options specific to opendrive (OpenDrive).

--opendrive-encoding

This sets the encoding for the backend.

See: the [encoding section in the overview](#) for more info.

- Config: encoding

- Env Var: RCLONE_OPENDRIVE_ENCODING
- Type: MultiEncoder
- Default:
  Slash,LtGt,DoubleQuote,Colon,Question,Asterisk,Pipe,BackSlash,LeftSpace,LeftCrLfHtVt,RightSpace,RightCrLfHtVt,InvalidUtf8,Dot

--opendrive-chunk-size

Files will be uploaded in chunks this size.

Note that these chunks are buffered in memory so increasing them will increase memory use.

- Config: chunk_size
- Env Var: RCLONE_OPENDRIVE_CHUNK_SIZE
- Type: SizeSuffix
- Default: 10M

Limitations

Note that OpenDrive is case insensitive so you can't have a file called "Hello.doc" and one called "hello.doc".

There are quite a few characters that can't be in OpenDrive file names. These can't occur on Windows platforms, but on non-Windows platforms they are common. Rclone will map these names to and from an identical looking unicode equivalent. For example if a file has a ? in it will be mapped to ？ instead.

`rclone about` is not supported by the OpenDrive backend. Backends without this capability cannot determine free space for an rclone mount or use policy `mfs` (most free space) as a member of an rclone union remote.