Schemes

Currently Supported Schemes

SCHEME	SUPPORTED OPERATIONS
file	ALL
ftp, gsiftp, gridftp, mssftp	ALL except touch
http	delete, copy (as source only; = GET)
resource	verify, ls, copy (as source only; also see note below)
ssh, scp, gsissh, gsiscp	ALL
webdav	ALL except touch

NOTES

1. All ftp operation schemes map to the same set of clients implemented using the `jglobus` library. The `mssftp` scheme is specific to the UNITREE mass-storage system; if the source or target is on such a system, its URI must have this scheme.
2. When doing a resource-copy, it is always best to specify the plugin (if known) as the host; else, if running inside an RCP/OSGI container, the operation is not guaranteed to work. See the example.
3. Of the *verify* operations for the `resource:/` scheme, only *exists* is guaranteed to work both in and outside of RCP/OSGI. Listing is always "shallow".
4. If `ssh:/` or `scp:/` are used, then either a user:password should be included in the URI, or a public-key-pair should exist for the user on the two endpoints involved. The `gsissh:/` and `gsiscp:/` schemes assume the presence of GSISSH on the target, and use the same proxy mechanism as GridFTP.

Examples

```
<ogrescript name="test-resource">
    <copy>
            <uri-pair source="resource://ncsa.tools.trebuchet.tests/oracles/FileCopyClientTest_test00CopyAll"
target="file:/tmp"/>
            <uri-pair source="resource://ncsa.tools.ogrescript.tests/test-task-with-attribute.xml" target="file:
/tmp"/>
    </copy>
</ogrescript>
```