

Test cases for version.sh

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About

This directory tree contains tests to check for the desired behaviour of the **version.sh** script which is usually located in **/opt/ConfigShell/bin**.

The tests can be started by calling the script:

```
./test_all.sh
```

To do that, you are supposed to be in the directory:

```
1 /opt/ConfigShell/lib/tests/version.sh
```

The script will execute all scripts ending in **test.sh** which are located either in this or some of the sub-directories. Each directory is supposed to contain a certain setup that is supposed to be tested for **version.sh**. The actual tests are described in the individual directories. As stated, a directory can contain multiple ***test.sh** script, but it is common to contain only one with multiple tests.

Output

The output can be classified in 3 different elements:

ok:....

A successful test has to output a line like

```
ok:<<testNameOrDirectoryName>>:<<what was tested>>
```

ERROR:.... or FAIL:...

An unsuccessful test output **one** line like

```
1 ERROR:<<testNameOrDirectoryName>>:<<what was tested>>
```

or

```
1 FAIL:<<testNameOrDirectoryName>>:<<what was tested>>
```

Other output

Other output must not begin with ok:, ERROR:, or FAIL:. This output shall be minimised and best not existing.

Running individual tests

To run a single test of tests, do the following:

1. cd ... to the directory of the tests.
2. Execute the `test.sh` script(s) in this directory.

Example Output

The output should look like:

```
ok:version.txt-file:test1 version.sh
2 ok:version.txt-file:test2 version.sh -v
ok:defaultGoModeWithFilenameWithSpaces:test1 version.sh
4 ok:defaultGoModeWithFilenameWithSpaces:test2 version.sh -v
ok:versionPatternFilenameWithSpaces:test1 version.sh
6 ok:versionPatternFilenameWithSpaces:test2 version.sh -v
ok:defaultMultipleAppVersions:test1 version.sh
8 ok:defaultMultipleAppVersions:test1 version.sh -v
ok:versionPatternMultipleMatchingFiles:test1 version.sh
10 ok:versionPatternMultipleMatchingFiles:test1 version.sh -v
ok:defaultNoVersionInfo:test1 version.sh
12 ok:defaultNoVersionInfo:test1 version.sh -v
ok:versionPattern:test1 version.sh
14 ok:versionPattern:test2 version.sh -v
ok:defaultMultipleAppVersionsWithFileNamesWithSpaces:test1 version.sh
16 ok:defaultMultipleAppVersionsWithFileNamesWithSpaces:test1 version.sh
-v
ok:defaultGoMode:test1 version.sh
18 ok:defaultGoMode:test2 version.sh -v
ok:versionPatternNoMatchingFile:test1 version.sh
20 ok:versionPatternNoMatchingFile:test1 version.sh -v
```