



Instructions



Code Examples



Screencasts



Forum

Stage #FE4

Pending

```
<mode> <name>\0<20_byte_sha>
```

(The above code block is formatted with newlines for readability, but the actual file doesn't contain newlines)

- The file starts with `tree <size>\0`. This is the "object header", similar to what we saw with blob objects.
- After the header, there are multiple entries. Each entry is of the form `<mode> <name>\0<sha> .`
 - `<mode>` is the mode of the file/directory
 - `<name>` is the name of the file/directory
 - `\0` is a null byte
 - `<20_byte_sha>` is the 20-byte SHA-1 hash of the blob/tree (this is **not** in hexadecimal format)

You can read more about the internal format of a tree object [here](#).

Tests

The tester will initialize a new Git repository using your program:

```
$ mkdir test_dir && cd test_dir
$ /path/to/your_git.sh init
```

It'll create some random files and directories:

```
$ echo "hello world" > test_file_1.txt
$ mkdir test_dir_1
$ echo "hello world" > test_dir_1/test_file_2.txt
$ mkdir test_dir_2
$ echo "hello world" > test_dir_2/test_file_3.txt
```

Tests failed.

[Show logs](#)