

- **Testing the Filesystem Contract**
- **Running the tests**
- **Testing a new filesystem**
- **Adding a new test suite**
- **Extending the specification**
- **Extending the File System specification and its tests**
- **class org.apache.hadoop.fs.MultipartUploader**
- **Invariants**
- **Concurrency**
- **Model**
- **State Changing Operations**
- **UploadHandle initialize(Path path)**
- **PartHandle putPart(Path path, InputStream inputStream, int partNumber, UploadHandle uploadHandle, long lengthInBytes)**
- **PathHandle complete(Path path, Map<Integer, PartHandle> parts, UploadHandle multipartUploadId)**
- **void abort(Path path, UploadHandle multipartUploadId)**