**12.2.3** **The Three Revlogs**

   1. Changelog: A changelog is an updating of change in the record or the file of the project. An example of changelog is an update when a developer fixes a file or adds a new feature to the program. Changelog in the Revlogs Structure contains metadata for each change in the file.

2.       Manifests: It is a file that contains a list of filenames with the individual file’s node id. It has a reference link to file revision in file log.

3.       FileLogs: A FileLogs is a file that describes action occurring on the file. This file is contained in Mercurial’s internal store directory.

For the Revlogs layers, and data structure examples, you can find them on the Architecture of Open-Source Application on “Mercurial(aosabook.org)”. The Revlogs generic structure is as follow:

Diagram

Description automatically generated

**12. 2. 4 The Working Directory**

Another important data structure is the working directory or dirstate. Dirstate is the reflection of what is contain in working directory. It keeps monitoring any change in the directory whether there should be comparsions from the status command or diff command. when the file is about to be merged, dirstat split into two parents, one set to merge and change it to another set. This is because the common operations in dirstat are status and diff commands.