Git Objects – Complete the Diagrams

The Aim of this exercise is to look at the directory structure provided on the left hand side of the page, and complete the Diagram on the right to show how Git will convert those files or directories into binary objects. In the same way as you saw in the previous content.

Left diagram:

Root

Docs   Source

Docs/README   Source/Foo.c   Source/Bar.c

Right diagram:

Root — Commit

Docs — Tree   Tree — Source

Docs/README   Source/Foo.c   Source/Bar.c

Blob

README

Foo.c   Bar.c

Left diagram:

Root

Docs   Tests   Source

Docs/README   Tests/Foo.c   Source/Bar.c

Right diagram:

Root   Commit

Tree   Docs

Tree   Source

Docs/
README

Blob

README

Root

Docs

Source

Source/README

Source/Foo.c

Source/Bar.c

Root

Commit

Root

Docs   Source   Tests   db

README   Foo.c   Bar.c   Unit tests   Internal.db

Test1   Test2

Root

Docs

Source

Tests

db

Localized

Foo.c

Bar.c

Unit tests

Internal.db

English

Arabic

Spanish

Manual Tests

Test1

Test2

Phase 1

README

README

README