

**Name:** mcp-366-cswg-workshop-git-internals

**Title:** git Internals

**Status:** Draft -- anyone can edit.

See the [MCP index](#) to create or find documents, or [mcp-0-readme](#) for an overview.

*The headers above are machine-readable; please preserve format.*

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#### Text checkins (10 mins)

- Steve
  - fire inspection done!
  - catching up on everything else - - e.g. LLNL neutron counter cable assemblies
  - next up: writing promisegrid kernel POC
- Donaldo
  - Traveled for eclipse, cloudy but still cool
  - Came back last night, this week will be lots of catch up
    - MakerEd, Go Tour, Solidworks tutorials, career fair(s)
- JJ
  - Looked into Git Internals
  - Updated github page
  - Sprained ankle
  - College visit
- Rebecca
  - Went about a hour and a half south to see the partial eclipse
  - Makerspace building hunt continues

#### git Internals (40 mins)

- [Git Internals Tutorial](#)

#### Plan next workshop (10 mins)

- 30 to 40 minute presentation -- if you use slides can add them to the [CSWG slide deck](#)
- Go to <http://mcp.infrastructures.org> to create next doc, then replace this bullet point with the URL
  -
- See the automatically-generated workshop list at <http://mcp.infrastructures.org/search?query=cswg+workshop>
- future proposals:
  - promisegrid kernel design overview
  - PromiseGrid apps vs crypto DAPPs (README is prereq)

- <https://docs.google.com/document/d/1gQhEZcbSXJ4M4a3PPI05AtpZp3MgaF9-rNLyFhO6yFg/edit>
- think of a network of git repos as a decentralized blockchain
  - dapps can and do run on top of that, e.g. issue tracking
  - each commit/push/pull cycle is a clock tick
- now think of promisify as a network of git-like repositories, hashed object storage etc.
  - dapps run on top of that
  - clock ticks are near-real-time as data changes
- test-driven AI-based development (TDAID)
- open source CAD:
  - OpenSCAD
  - FreeCAD
  - sdx
- Ecologies of Worker Cooperation
- Not for next week - but after I (Rebecca) do my June video project, maybe I might present on creating video documentation (copy proposals here from the previous week)