



CALDERA

Training Program

1. Resources, Documents, Github

- a. **Website:** <https://caldera.mitre.org/>
- b. **Read the Docs:** <https://caldera.readthedocs.io/en/latest/>
- c. **Github:** <https://github.com/mitre/caldera>
- d. **Blog:** <https://medium.com/@mitrecaldera>

2. Installing Caldera from Github

- a. Cloning Caldera recursively
- b. Booting Caldera
- c. Basic configuration

3. Navigating the Hamburger Menu

4. Abilities & Adversaries

- a. Abilities
 - i. Viewing abilities in UI
 - ii. Creating an ability (create dir, and remove it)
- b. Adversaries
 - i. Viewing in UI. (Alice 2.0)
 - ii. Ordering, preconditions, components
 - iii. ATT&CK tactic breakdown

5. Agents

- a. What are they?
- b. Configuration
- c. Deploying an agent
- d. Viewing the beacon and status
- e. Killing and changing agent configuration

6. Operations

- a. Creating an operation
- b. Basic config and advanced config
- c. Running an operation
 - i. Adding adhoc abilities
- d. Viewing live operation
- e. Live/manual operation configuration and control
- f. Stopping an operation
 - i. Cleanup commands
 - ii. Auto-close or leave open

7. Operation Reports

- a. JSON report
- b. Debrief plugin
 - i. PDF, visualizations

8. Plugins

- a. Overview of library
 - i. Atomic, Stockpile, Emu, Human, Training, etc.
- b. Edit and enable a plugin

9. Advanced Topics

- a. Planners
 - i. Review the default Atomic planner
 - ii. How to create custom planners
- b. Facts and Fact Sources
 - i. What are they?
 - ii. How to create facts
- c. Requirements
 - i. What are they and how do they relate to facts
- d. Parsers
 - i. Overview
 - ii. How to link a parser to an ability