

Web-Based User Interface (Web UI)

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Discussion

A Web-Based User Interface (Web UI) provides a graphical interface that a person accesses through a web browser to interact with a software system.

A Web UI can allow a user to:

- Select operations
- Supply input values
- Review configuration
- Initiate activities
- Observe execution status
- Review results
- Examine logs
- Inspect [Artifacts](#)
- Review findings and [Evidence](#)

A Web UI exchanges information with the underlying software through one or more defined software interfaces.

Within Crucible documentation, a Web UI provides one possible human-facing interface for configuring, initiating, observing, and reviewing Crucible operations.

Definition

graphical user interface accessed through a web browser that enables a person to interact with a software system

Source

DIDO-controlled term adapted from established web-application and user-interface practices.

Note

The term **Web UI** means **Web-Based User Interface**.

A Web UI differs from a [Command-Line Interface \(CLI\)](#). A Web UI provides browser-based graphical interaction, while a CLI accepts textual commands, options, and arguments.

A Web UI differs from an Application Programming Interface. A Web UI supports interaction by a person, while an Application Programming Interface supports interaction between software components.

A Web UI can invoke the same underlying operations exposed through a CLI or Application Programming Interface.

The existence of a Web UI does not require every Crucible operation to be interactive. Automated [Workflows](#) and [CI/CD Pipelines](#) can use noninteractive interfaces.

Example

An operator accesses the Crucible Web UI through a browser, selects a Workspace, chooses a Baseline Composition operation, supplies the required parameters, initiates execution, and reviews the resulting status and Evidence.

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