

Soda Directory Structure

Soda is a directory based testing framework—tests and assets (e.g. actions, screens, menus, and popups) are organized based upon folder hierarchy

Definitions

Suite

A collection of modules that can be run as a single group.

Module

A collection of tests (and their respective actions, screens, menus, and popups) that can be run as a single group.

Test

A single use case (atomic) test that may or may not make use of actions, screens, menus, or popups.

Asset

An action, screen, menu or popup.

Action

A reusable asset that can be used by any test within its respective parent module.

Screen/Menu/Popup

A representation of a single screen (or menu, or popup), which can be validated by any test within its respective parent module. *The difference between screens, menus, and popups is purely conceptual—they function exactly the same.*

Global Directory

A directory within the project root that contains assets for all suites.

Common Directory

Directories within each suite that contains assets for each module in the suite to use.

Asset Scoping

- The *global* folder (at the project root) is a collection of assets that are available for all suites to use.
- The *common* folder within each suite is a collection of assets that are available for all modules in the suite to use. If you wish to use a common asset from one suite in another, you must move it to the *global* directory.
- Actions, screens, menus, and popups within modules are scoped only to their respective modules. If you want to use an asset from one module in another, you must move it to either common or global.

A Soda Project Should Have the Following Structure

- *project root*
 - *global**
 - *actions*
 - *action*
 - ...
 - *screens*
 - *screen*
 - ...
 - *menus*
 - *menu*
 - ...
 - *popups*
 - *popup*
 - ...
 - *suite*
 - *common**
 - *actions*
 - *action*
 - ...
 - *screens*
 - *screen*
 - ...
 - *menus*
 - *menu*
 - ...
 - *popups*
 - *popup*
 - ...
 - *module*
 - *actions*
 - *action*
 - ...
 - *screens*
 - *screen*
 - ...
 - *menus*
 - *menu*
 - ...
 - *popups*
 - *popup*
 - ...
 - *tests*
 - *test*
 - ...
 - ...
 - ...