

# Frontend — lib

# Structure

*Location: src/lib/*

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# components/ — Components

A component is a reusable self-contained block of code that encapsulates HTML, CSS and JavaScript that belong together, written into a `.svelte` file. The documentation for them is [here](#).

# stores/ — Stores

Svelte writable stores used for state that needs to be shared and persisted across route navigations within the same session.

`stores/samples.ts` — `samples: Writable<Sample[]>` Holds the list of science samples collected during the current task. Persists across navigation so samples are not lost when the operator moves between routes. Cleared when a task ends (or optionally kept when starting a new task — the layout prompts the operator to choose).

`stores/map.ts` — `displayedMap`, `startPoint`, `endPoint`, `waypoints` Holds the state of the navigation map: the currently loaded map image, start and end waypoints, and the list of intermediate waypoints. All are writable stores so any component can update them and the map will react.

`stores/probes.ts` — `probes: Writable<Probe[]>` Holds the list of probe locations recorded during the Probing task.

**TODO** Add the rest of stores

css/ — Style

# proto/ — Protobufers Interface