Storybook UI component workshop

START HERE

npm create storybook@latest
Add Storybook to a project

storybook info
Print environment details

storybook dev -p 6006
Run the dev server

storybook automigrate --dry-run
Preview automatic fixes

storybook build
Build a static site

storybook add *<addon>*
Install an addon

storybook upgrade
Move to a newer version

storybook doctor
Check for known problems

Component Button.tsx → *stories* → **Stories** Button.stories.tsx → *storybook dev* → **Workshop** localhost:6006 → *storybook build* → **Static site** storybook-static/

CONCEPTS

Run storybook from the project root; it finds the .storybook config folder there. With npm, pass flags after --, e.g. npm run storybook -- -p 7000.

Stories are found by the globs in .storybook/main.js|ts; a new file that does not show up usually does not match them.

The framework package (e.g. @storybook/react-vite) picks the builder; webpack-only flags such as --debug-webpack matter only on webpack projects.

SETUP

npm create storybook@latest
Initialise Storybook in this project

npx storybook@latest init
Same via the older init command
create-storybook is recommended; init stays for backwards compatibility.

npm create storybook@latest -- --yes
Skip prompts, install all features

SETUP (cont.)

npm create storybook@latest -- --type *<framework>*
Force a framework (e.g. solid)

npm create storybook@latest -- --builder *<builder>*
Pick the builder (e.g. webpack5)

npm create storybook@latest -- --package-manager *<pm>*
Choose npm, yarn or pnpm

storybook sandbox [framework]
Generate a sample project to try things

DEV SERVER

storybook dev
Start the dev server

storybook dev -p *<port>*
Use another port

storybook dev --no-open
Do not open the browser

storybook dev --ci
CI mode: no prompts, no browser

storybook dev -h *<host>*
Bind to a host (0.0.0.0 = all)
Non-local hostnames may need core.allowedHosts in main config.

DEV SERVER (cont.)

storybook dev -c *<dir>*
Config directory (default .storybook)

storybook dev --https --ssl-cert *<cert>* **--ssl-key** *<key>*
Serve over HTTPS

storybook dev --smoke-test
Exit after a successful start

storybook dev --loglevel *<level>*
trace, debug, info, warn, error, silent

storybook dev --quiet
Less build output

storybook dev --no-version-updates
Skip the update check

storybook dev --force-build-preview
Rebuild the preview iframe

storybook dev --disable-telemetry
Turn telemetry off

BUILD

storybook build
Build the static Storybook

storybook build -o *<dir>*
Output directory (default storybook-static)

storybook build -c *<dir>*
Config directory

BUILD (cont.)

storybook build --quiet
Less build output

storybook build --test
Leaner build for tests

storybook build --docs
Docs-only site

storybook build --preview-only
Skip the manager UI

storybook build --stats-json *<dir>*
Write bundle stats

storybook build --debug-webpack
Print final webpack config

storybook build --disable-telemetry
Turn telemetry off

storybook index -o *<file>*
Write index.json of all stories

ADDONS

storybook add *<addon>*
Install and configure an addon

storybook add *<addon>* **--package-manager** *<pm>*
Pick the package manager

storybook add *<addon>* **--skip-postinstall**
Install only, configure yourself

storybook remove *<addon>*
Uninstall an addon

ADDONS (cont.)

storybook add @storybook/addon-a11y
Accessibility checks

storybook add @storybook/addon-docs
Autogenerated docs pages

UPGRADE

storybook upgrade
Upgrade to the latest version

storybook@<*version*> **upgrade**
Upgrade to a named version or tag

storybook upgrade --dry-run
Check versions, change nothing

storybook upgrade --yes
Accept defaults, no prompts
Opt-in migrations such as framework changes are not run with --yes.

storybook migrate --list
List available codemods

storybook migrate *<codemod>* **--glob** *<glob>*
Run a codemod on matching files

storybook migrate *<codemod>* **--dry-run**
Show files it would change

storybook automigrate
Detect and apply config fixes

UPGRADE (cont.)

storybook automigrate --dry-run
List fixes without applying

DIAGNOSE

storybook doctor
Health check of the project

storybook info
Environment and package versions

storybook --version
Print the installed version

storybook dev --debug
More logs while developing

RECIPES

Try Storybook in a Vite app

```
npm create storybook@latest
npm run storybook
# dev server on http://
localhost:6006
```

Static build for CI

```
storybook build -o dist/
storybook --quiet
npx http-server dist/storybook
-p 6006
```

Safe major upgrade

```
git switch -c sb-upgrade
npx storybook@latest upgrade --
dry-run
npx storybook@latest upgrade
npx storybook doctor
```

Share on the LAN

```
storybook dev -h 0.0.0.0 -p
6006 --no-open
```