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
```