

# Global Expo CLI

The global Expo CLI `expo-cli` was succeeded by the local CLI `@expo/cli` in SDK 46. This documentation contains info on the now deprecated `expo-cli` package.

If you're using a project that is SDK 46 or higher, see [Expo CLI](#).

## Installation

The legacy Expo CLI can be installed as a global npm package on your development machine. To download and install it, run the following command:

 Terminal

 Copy

```
- npm install -g expo-cli
```

Not versioning the CLI with your project lowers backwards compatibility, and makes it harder to use your project in continuous environments like GitHub Actions. To combat this, we moved to using a versioned CLI in SDK 46.

## Checking CLI version

To check the current version of the global Expo CLI you are using, use the `--version` option.


 Terminal


 Copy

```
- expo --version
```

## Commands


You can view the list of commands available with your version in your terminal using the `--help` option.

 Terminal

 Copy


```
- expo --help
```

To learn more about a specific command and the options it may have, use `expo [command] --help`.

 Terminal

```
# Usage: expo [command] [options]
```

You will find a list of all commands derived from the latest version of Expo CLI.

 Based on `expo-cli` v5.2.0

## Core

▸ **expo export**  
Export the static files of the app for hosting it on a web server

▸ **expo init**  
Create a new Expo project

▸ **expo install**  
Install a module or other package to a project

▸ **expo run:android**  
Run the Android app binary locally

▸ **expo run:ios**  
Run the iOS app binary locally

▸ **expo send**  
Share the project's URL to an email address

▸ **expo start**  
Start a local dev server for the app

▸ **expo start:web**  
Start a webpack dev server for the web app

---

## Auth

▸ **expo login**  
Login to an Expo account

▸ **expo logout**  
Logout of an Expo account

▸ **expo register**  
Sign up for a new Expo account

▸ **expo whoami**  
Return the currently authenticated account

---

## Client

▸ **expo client:install:ios**  
Install Expo Go for iOS on the simulator

▸ **expo client:install:android**  
Install Expo Go for Android on a connected device or emulator

---

## Info

▸ **expo config**  
Show the project config

---

▸ **expo diagnostics**  
Log environment info to the console

▸ **expo doctor**  
Diagnose issues with the project

▸ **expo upgrade**  
Upgrade the project packages and config for the given SDK version

---

## Eject

▸ **expo customize:web**  
Eject the default web files for customization

▸ **expo eject**  
Create native Android and iOS project files. Learn more: <https://docs.expo.dev/workflow/customizing/>

▸ **expo prebuild**  
Create native Android and iOS project files before building natively. Learn more: <https://docs.expo.dev/workflow/customizing/>

---

## Publish

ⓘ SDK 49 will be the last version to support Classic Updates. To continue using the deprecated `expo publish` command, set `updates.useClassicUpdates` in your app config.

▸ **expo publish**  
Deploy a project to Expo hosting

▸ **expo publish:set**  
Specify the channel to serve a published release

▸ **expo publish:rollback**  
Undo an update to a channel

▸ **expo publish:history**  
Log the project's releases

▸ **expo publish:details**  
Log details of a published release

---

## Build

▸ **expo build:web**  
Build the web app for production

---

## Credentials

▸ **expo credentials:manager**

## Manage your credentials

- **expo fetch:ios:certs**  
Download the project's iOS standalone app signing credentials
- **expo fetch:android:keystore**  
Download the project's Android keystore
- **expo fetch:android:hashes**  
Compute and log the project's Android key hashes
- **expo fetch:android:upload-cert**  
Download the project's Android keystore

## Notifications

- **expo push:android:upload**  
Upload an FCM key for Android push notifications
- **expo push:android:show**  
Log the value currently in use for FCM notifications for this project
- **expo push:android:clear**  
Delete a previously uploaded FCM credential

## Url

- **expo url**  
Log a URL for opening the project in Expo Go
- **expo url:ipa**  
Log the download URL for the standalone iOS binary
- **expo url:apk**  
Log the download URL for the standalone Android binary

## Webhooks

- **expo webhooks**  
List all webhooks for a project
- **expo webhooks:add**  
Add a webhook to a project
- **expo webhooks:remove**  
Delete a webhook
- **expo webhooks:update**  
Update an existing webhook

Deprecated

- **expo build:ios**

Superseded by eas build in eas-cli
- **expo build:android**

Superseded by eas build in eas-cli
- **expo build:status**

Superseded by eas build:list in eas-cli
- **expo upload:android**


Superseded by eas submit in eas-cli
- **expo upload:ios**

Superseded by eas submit in eas-cli
- **expo client:ios**

Superseded by Expo Dev Clients

Expo CLI migration

In Expo SDK 46, we migrated to a new suite of tooling that is versioned in the `expo` package. Below is a migration guide showing where the legacy `expo-cli` commands live now.

 Legacy `expo-cli` will be in maintenance mode and continue to work while we migrate to the new tooling.


Legacy	New	Notes
<code>expo init</code>	<code>npx create-expo-app</code>	New CLI
<code>expo start</code>	<code>npx expo start</code>	Versioned
<code>expo export</code>	<code>npx expo export</code>	Versioned, <code>--experimental-bundle</code> is default
<code>expo install</code>	<code>npx expo install</code>	Versioned
<code>expo run:android</code>	<code>npx expo run:android</code>	Versioned
<code>expo run:ios</code>	<code>npx expo run:ios</code>	Versioned
<code>expo login</code>	<code>npx expo login</code>	Versioned
<code>expo logout</code>	<code>npx expo logout</code>	Versioned
<code>expo register</code>	<code>npx expo register</code>	Versioned
<code>expo whoami</code>	<code>npx expo whoami</code>	Versioned
<code>expo config</code>	<code>npx expo config</code>	Versioned

<code>expo prebuild</code>	<code>npx expo prebuild</code>	Versioned
<code>expo customize:web</code>	<code>npx expo customize</code>	Versioned, and renamed
<code>expo build:web</code>	<code>npx expo export:web</code>	Versioned, and renamed
<code>expo eject</code>	<code>npx expo prebuild</code>	Merged into <code>npx expo prebuild</code>
<code>expo start:web</code>	<code>npx expo start</code>	Merged into <code>npx expo start</code>

## Deprecated

Legacy	Notes
<code>expo client:ios</code>	Removed in favor of Dev Clients
<code>expo send</code>	Removed
<code>expo client:install:ios</code>	Unimplemented
<code>expo client:install:android</code>	Unimplemented
<code>expo doctor</code>	Moved to <code>npx expo-doctor</code>
<code>expo upgrade</code>	Undecided

## Services

 The new `expo update` command uses a different hosting service than the legacy `expo publish` command.

Legacy	New	Notes
<code>expo publish</code>	<code>eas update</code>	Moved to <code>eas-cli</code>
<code>expo publish:set</code>	<code>eas update</code>	Moved to <code>eas-cli</code>
<code>expo publish:rollback</code>	<code>eas update</code>	Moved to <code>eas-cli</code>
<code>expo publish:history</code>	<code>eas update</code>	Moved to <code>eas-cli</code>
<code>expo publish:details</code>	<code>eas update</code>	Moved to <code>eas-cli</code>
<code>expo credentials:manager</code>	<code>eas credentials</code>	Moved to <code>eas-cli</code>
<code>expo fetch:ios:certs</code>	<code>eas credentials</code>	Moved to <code>eas-cli</code>
<code>expo fetch:android:keystore</code>	<code>eas credentials</code>	Moved to <code>eas-cli</code>

<code>expo fetch:android:hashes</code>	<code>eas credentials</code>	Moved to <code>eas-cli</code>
<code>expo fetch:android:upload-cert</code>	<code>eas credentials</code>	Moved to <code>eas-cli</code>
<code>expo push:android:upload</code>	<code>eas credentials</code>	Moved to <code>eas-cli</code>
<code>expo push:android:show</code>	<code>eas credentials</code>	Moved to <code>eas-cli</code>
<code>expo push:android:clear</code>	<code>eas credentials</code>	Moved to <code>eas-cli</code>
<code>expo url</code>	<code>eas build:list</code>	Moved to <code>eas-cli</code>
<code>expo url:ipa</code>	<code>eas build:list</code>	Moved to <code>eas-cli</code>
<code>expo url:apk</code>	<code>eas build:list</code>	Moved to <code>eas-cli</code>
<code>expo webhooks</code>	<code>eas webhook</code>	Moved to <code>eas-cli</code>
<code>expo webhooks:add</code>	<code>eas webhook:create</code>	Moved to <code>eas-cli</code>
<code>expo webhooks:remove</code>	<code>eas webhook:delete</code>	Moved to <code>eas-cli</code>
<code>expo webhooks:update</code>	<code>eas webhook:update</code>	Moved to <code>eas-cli</code>
<code>expo build:ios</code>	<code>eas build -p ios</code>	Moved to <code>eas-cli</code>
<code>expo build:android</code>	<code>eas build -p android</code>	Moved to <code>eas-cli</code>
<code>expo build:status</code>	<code>eas build:list</code>	Moved to <code>eas-cli</code>
<code>expo upload:android</code>	<code>eas submit -p android</code>	Moved to <code>eas-cli</code>
<code>expo upload:ios</code>	<code>eas submit -p ios</code>	Moved to <code>eas-cli</code>

Other notes

- Dev Tools UI has been deprecated in favor of the CLI's Terminal UI, Flipper, and Remote Debugging.
- `npx expo install` now supports installing the correct version of `react-native`, `react`, `react-dom` automatically.
- Tooling now supports `pnpm` along with Yarn and npm, the default is still Yarn.
- Dropped the deprecated `--config` argument across all commands. Use `app.config.js` instead.
- No longer shipping `adb` in the CLI. Users must manually install `adb` to interact with connected Android devices.
- Experimental `$EXPO_USE_APPLE_DEVICE` feature ( `expo run:ios -d` ) is now the default behavior. Global `ios-deploy` package is no longer required.
- `npx expo export` works like `expo export --experimental-bundle` which is exports for `eas update` and not `expo publish`. [PR](#).
  - Dropped arguments: `--public-url`, `--asset-url`, `--merge-src-url`, `--merge-src-dir`, `-t`, `--target`, `--experimental-bundle`, `--config`, `-q`, `--quiet`

- Dropped aliases for `--dump-assetmap (-d)` and `--dump-sourcemap (-s)`.
- Dropped warning about clearing `dist` folder that is shown between runs, this is akin to all other bundler commands across web tooling.
- Dropped all merging code because experimental bundle does not support index files so we don't need to support merging index files.
- Dropped the quiet flag as this appears to do nothing anymore.
- Parts of `expo upgrade` have been merged into `npx expo install` via the `--fix` and `--check` flags. [PR](#).
- `expo doctor` has been deprecated in favor of `npx expo-doctor` for projects using SDK 46 and higher.
- Dropped unused generated `.expro`, `.expo/packager-info.json` files.
- Dropped all deprecated support for `*.expo.js` files.
- Reduced usage of `.expo/settings.json` to provide a more sandboxed state between processes.

Environment Variables

- Dropped `$XDL_PORT`, `$XDL_HOST`, `$XDL_SCHEME`, `$SERVER_URL` in favor of `$EXPO_STAGING` and `$EXPO_LOCAL` environment variables.

Next (More)  
**Expo Workflows** →

← Previous (Technical Specs)  
**Expo Updates v0**

Was this doc helpful? 

👍

👎

💬

 Share your feedback

🗯️

 Ask a question on the forums

✎

 Edit this page

✉

 Sign up for the Expo's Newsletter

reader@email.com

Sign Up

Unsubscribe at any time. Read our [privacy policy](#).