

Alloy Test Apps

The Alloy GitHub [repository](#) includes a number of small [test applications](#) that demonstrates various Alloy features.

To build and run one of the test applications, do the following:

1. Clone the Alloy project locally.
2. Create a new Alloy project, either using Studio or the CLI tools.
3. Copy the contents of the desired sample folder into the newly created Alloy project's `/app` folder and overwrite any existing files.
4. Build and run the application on a device, simulator, or emulator.

The sample apps are organized in several folders representing the following categories:

- [User Interface](#) — Samples in the `ui/` folder <https://github.com/appcelerator/alloy/tree/master/samples/apps/ui> demonstrate use of several Titanium UI objects in an Alloy project.
- [Advanced](#) — Samples in the `advanced/` folder demonstrate advanced Alloy topics and approaches, such as advanced styling, using modules, using CommonJS modules, and more.
- [Basics](#) — Samples in the `basics/` folder demonstrates basic Alloy concepts.
- [Alloy Test Models](#) — Samples in the `alloy/test/apps/models/` folder demonstrates using models, collections, and data binding in Alloy.
- [Widgets](#) — Samples in the `widgets/` folder demonstrates how to create and use Alloy widgets, which are self-contained Alloy components that can easily be shared.

Note that some samples demonstrate platform-specific features that only run on certain platforms.

Importing and Running an Alloy Test App

To import one of the sample application, first clone the Alloy GitHub project locally:

```
git clone https://github.com/appcelerator/alloy
```

Once you've selected a test app to build and run, you first create a new "blank" Alloy project, and then copy the contents of the sample folder into the `/app` folder of the newly created Alloy project. You can do this either using Appcelerator Studio or on the command line using the CLI tools, as explained below.

Using the CLI tools

You can generate a new Alloy project using a test application from the Alloy Github repo. (The source code is copied from the global or local install of the Alloy npm package.)

To create an Alloy application based on a test application, first create a skeleton Titanium project, then run the Alloy new command with the `--testapp <path_to_test_app>` option. Pass the option the relative path to the test application after the `alloy/test/apps` path.

```
appc new -t titanium --classic -i com.appc.picker -n AlloyPicker
cd AlloyPicker
appc alloy new --testapp ui/picker
```

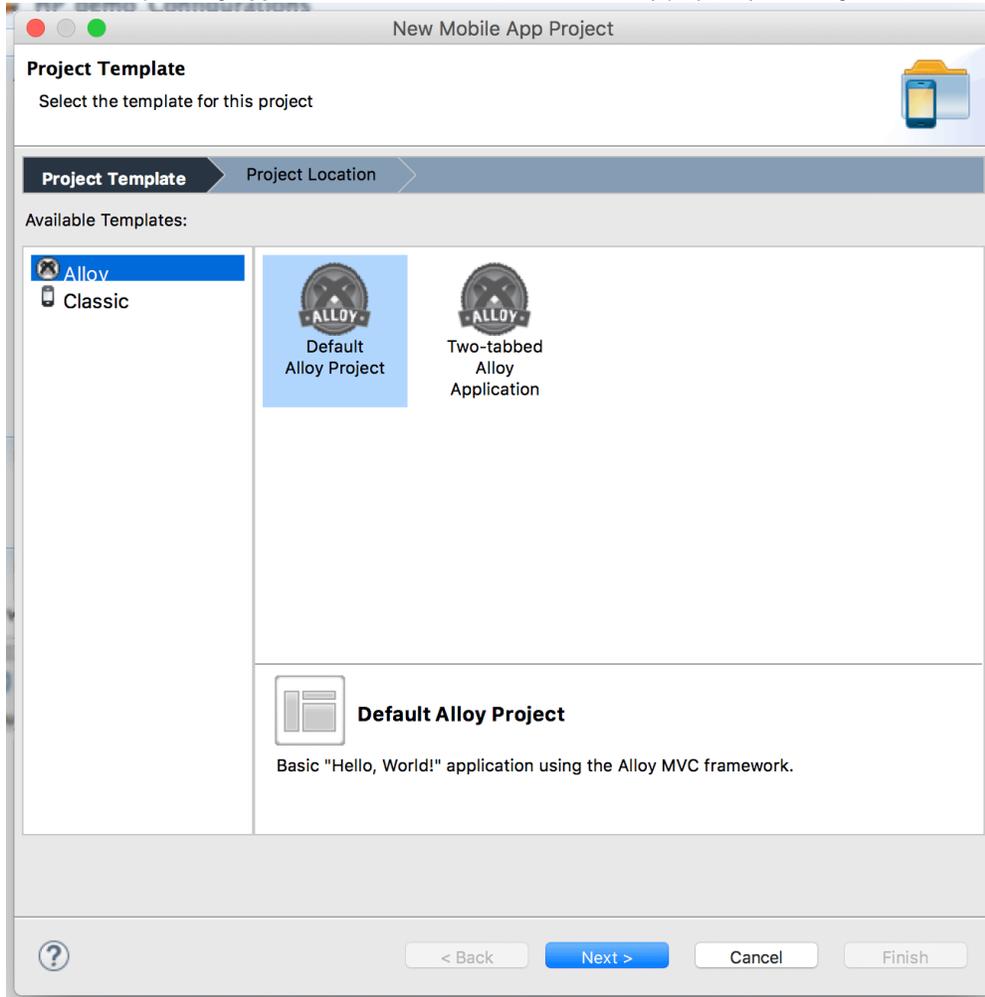
Prior to Alloy 1.7.6, you need to manually copy the source code to the new Titanium project:

Creating a test project

```
appc new -t titanium -n picker_test --id com.yourdomain -d . -url yourdomain.com -p
all
cd picker_test/
cp -r <alloy_repo>/test/apps/ui/picker/ app/
appc run -p ios
```

Using Appcelerator Studio

1. To build a sample using **Appcelerator Studio**, first create a new Alloy project by selecting **File > New > Mobile App Project**.



2. Drag and drop the contents of the desired test app folder from the desktop into the new project's `/app` folder in Project Explorer.
3. When prompted, select **Copy file and folders** option in the File and Folder Operation dialog and click OK.
4. Select **Yes To All** when asked if you want to overwrite files in the target folder.

You can now build or run the application on a target device, simulator or emulator.