

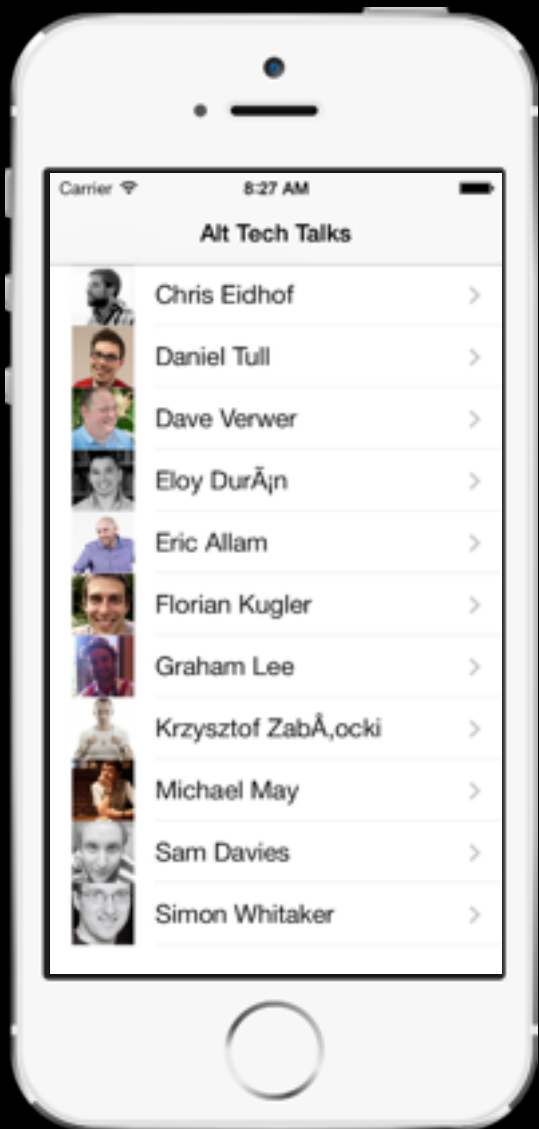
DANIEL TULL

COMPILING DATA

STATIC DATA



iOS App



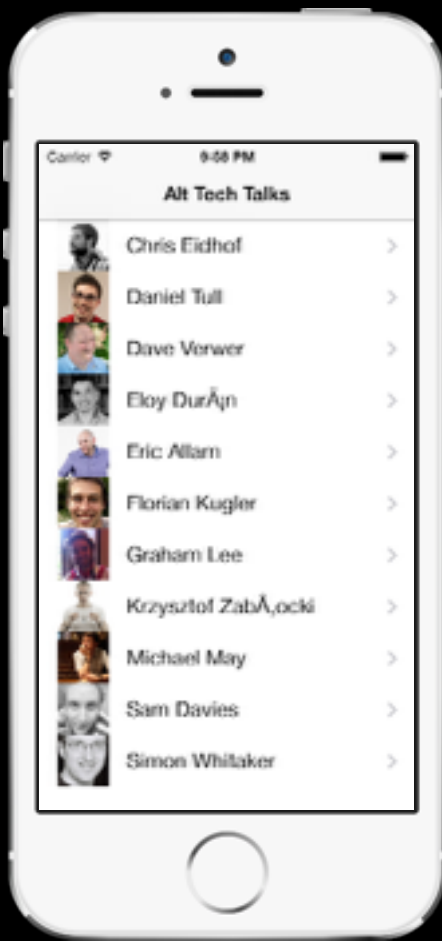
COMPILED DATA



Parser



iOS App



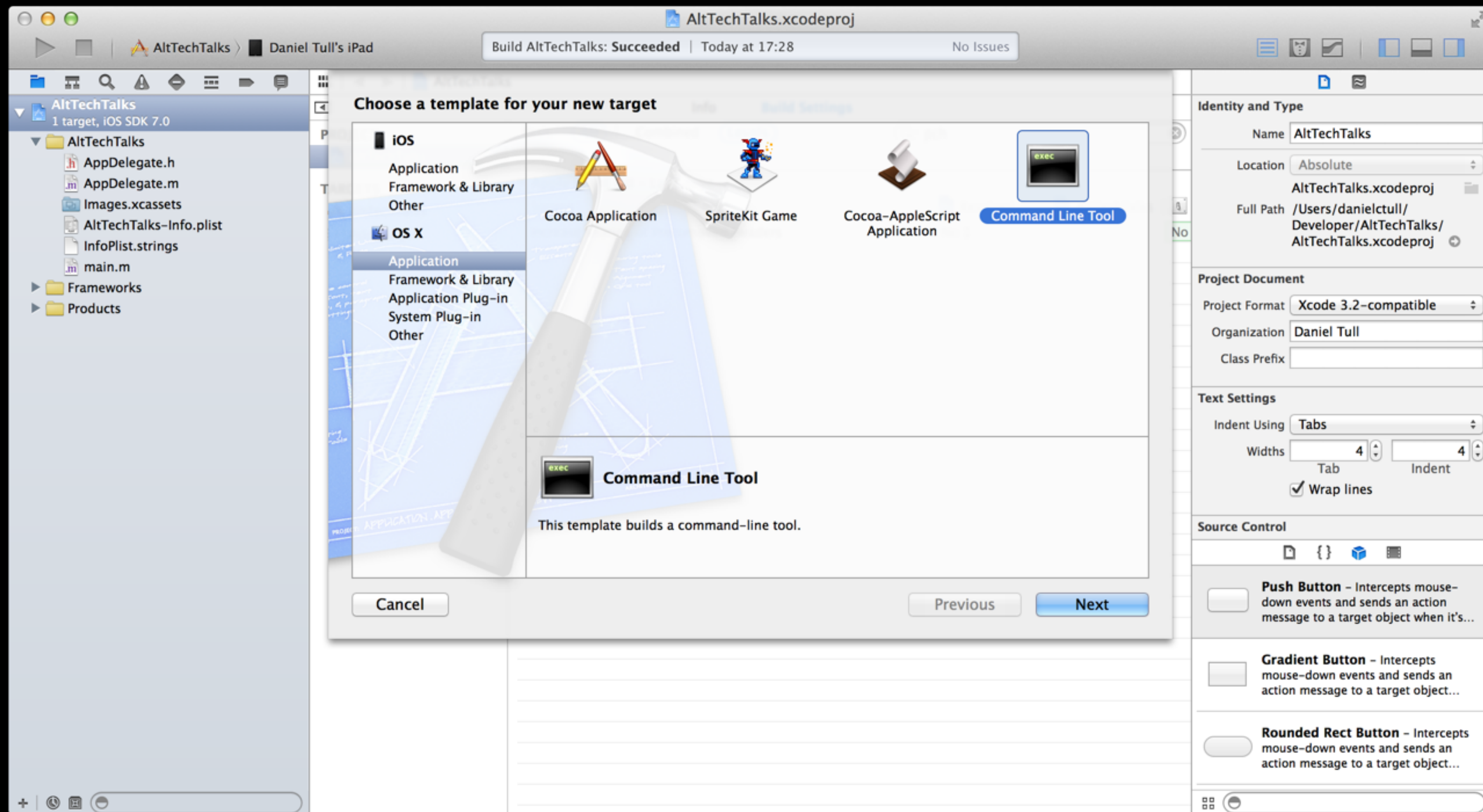
BUILT COMPILED DATA



BUILT COMPILED DATA

1. Take in client-editable data (xml, json, plist, html)
2. Transform during build
3. Faster launch times

OS X COMMAND LINE TOOL



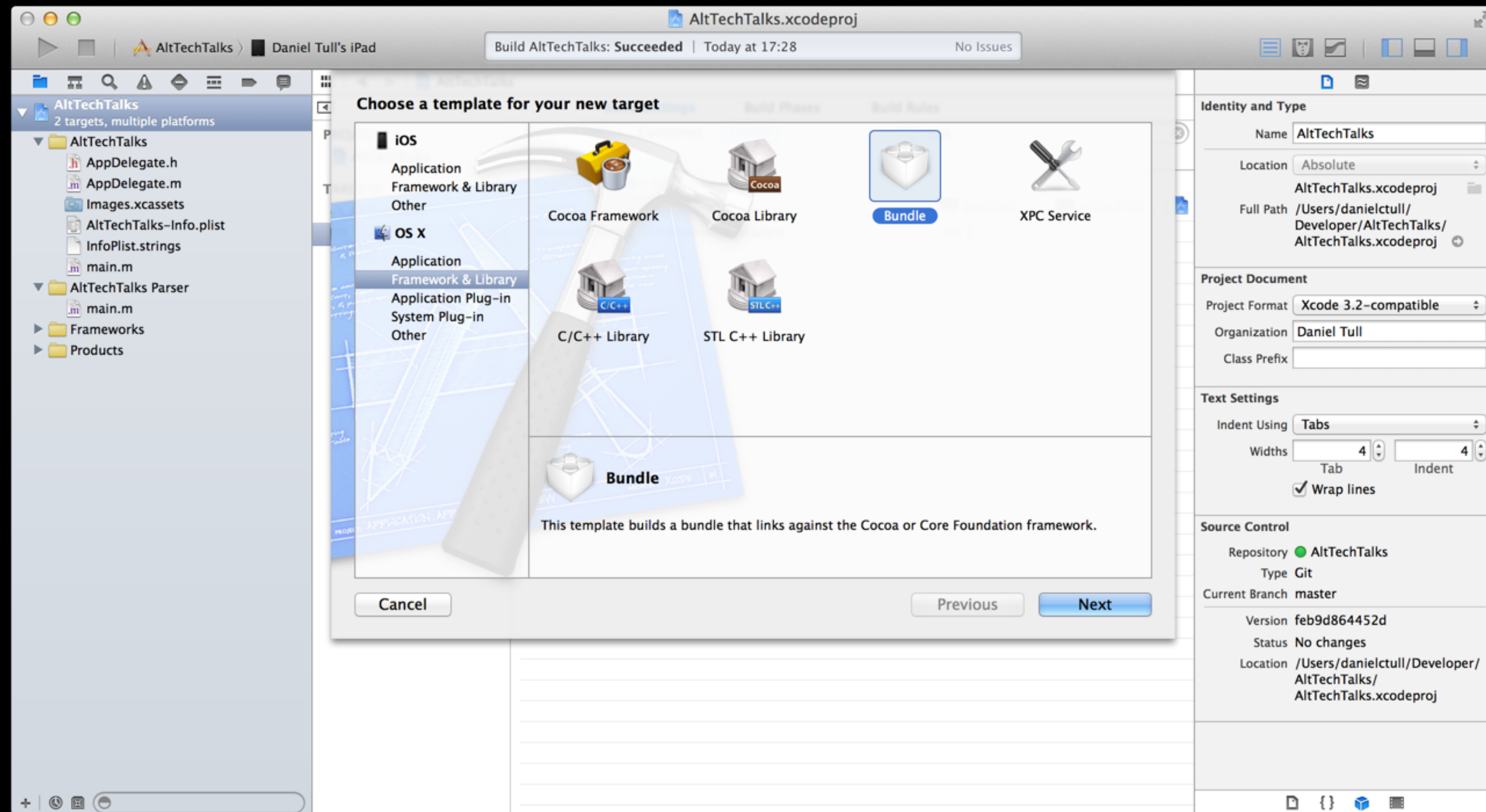
OS X COMMAND LINE TOOL

- Gives us a headless app that can be run from a script
- Just an executable, doesn't have a bundle
- Need to provide data input and output paths to the tool

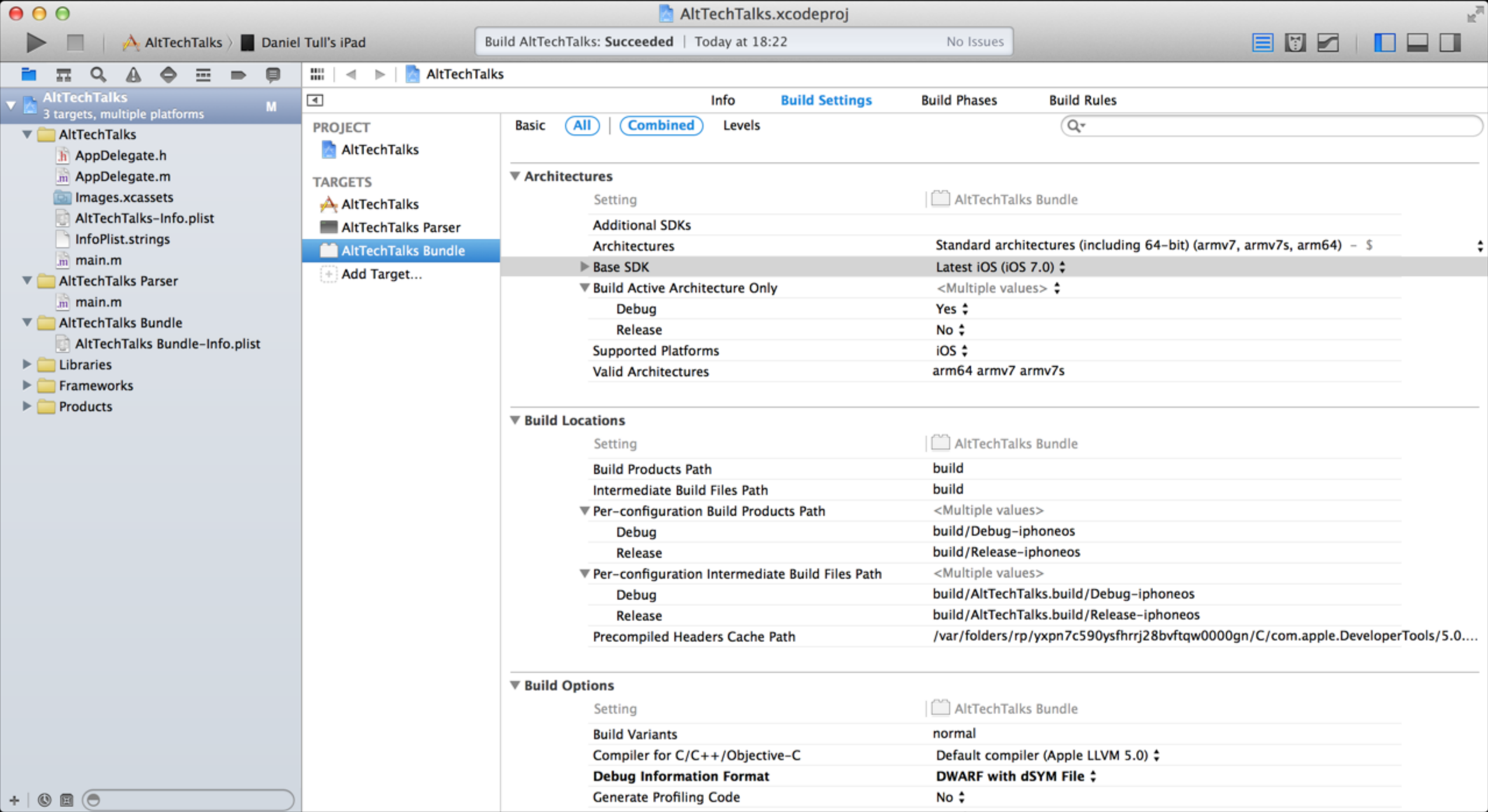
WHY PROVIDE DATA PATHS?

- Paths should be relative to the build folder
- This varies between users and project directories
- Also varies between actions (Run, Test, Archive)

CREATING A SHARED BUNDLE



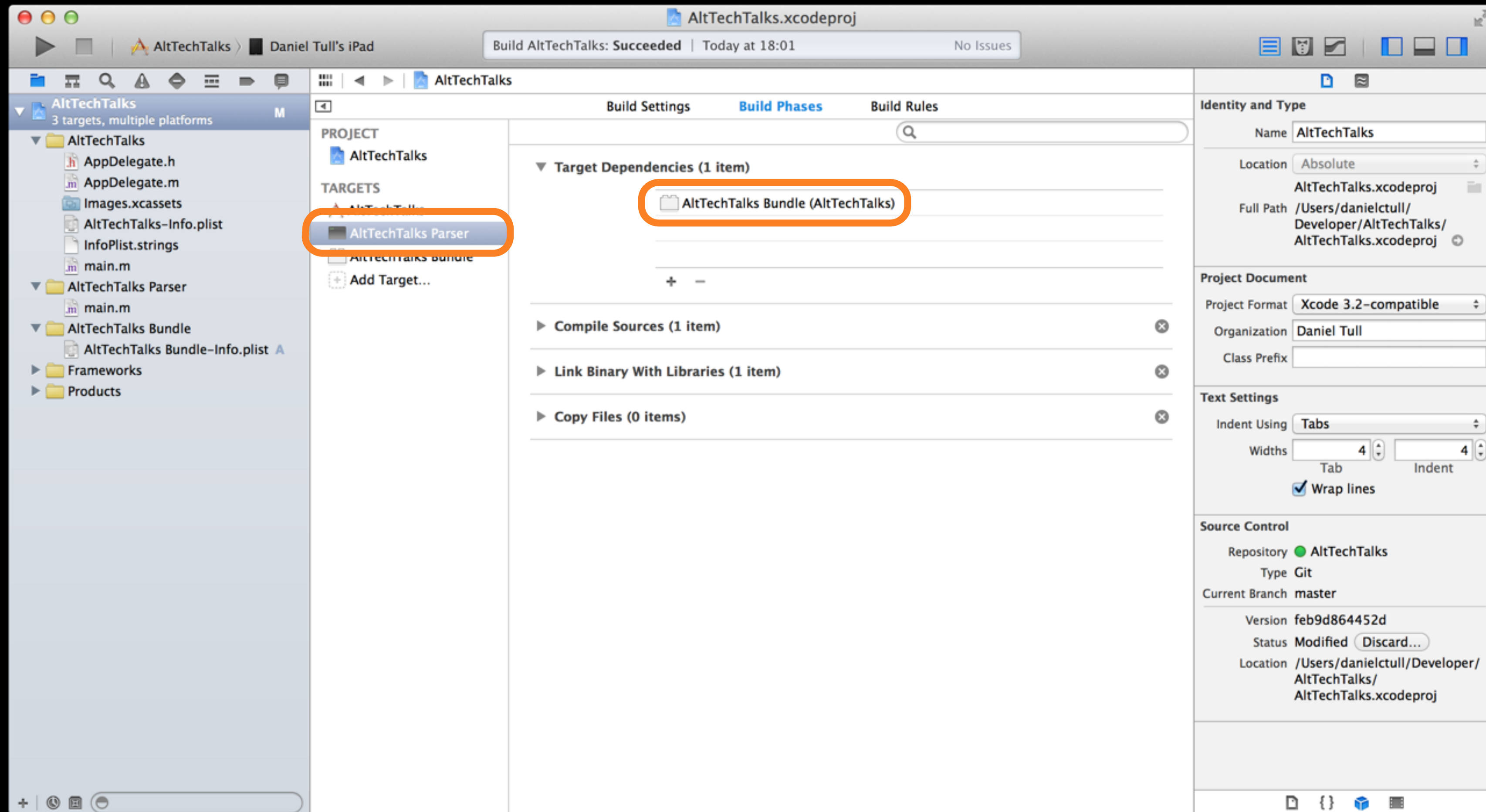
MAKE THE BUNDLE FOR IOS



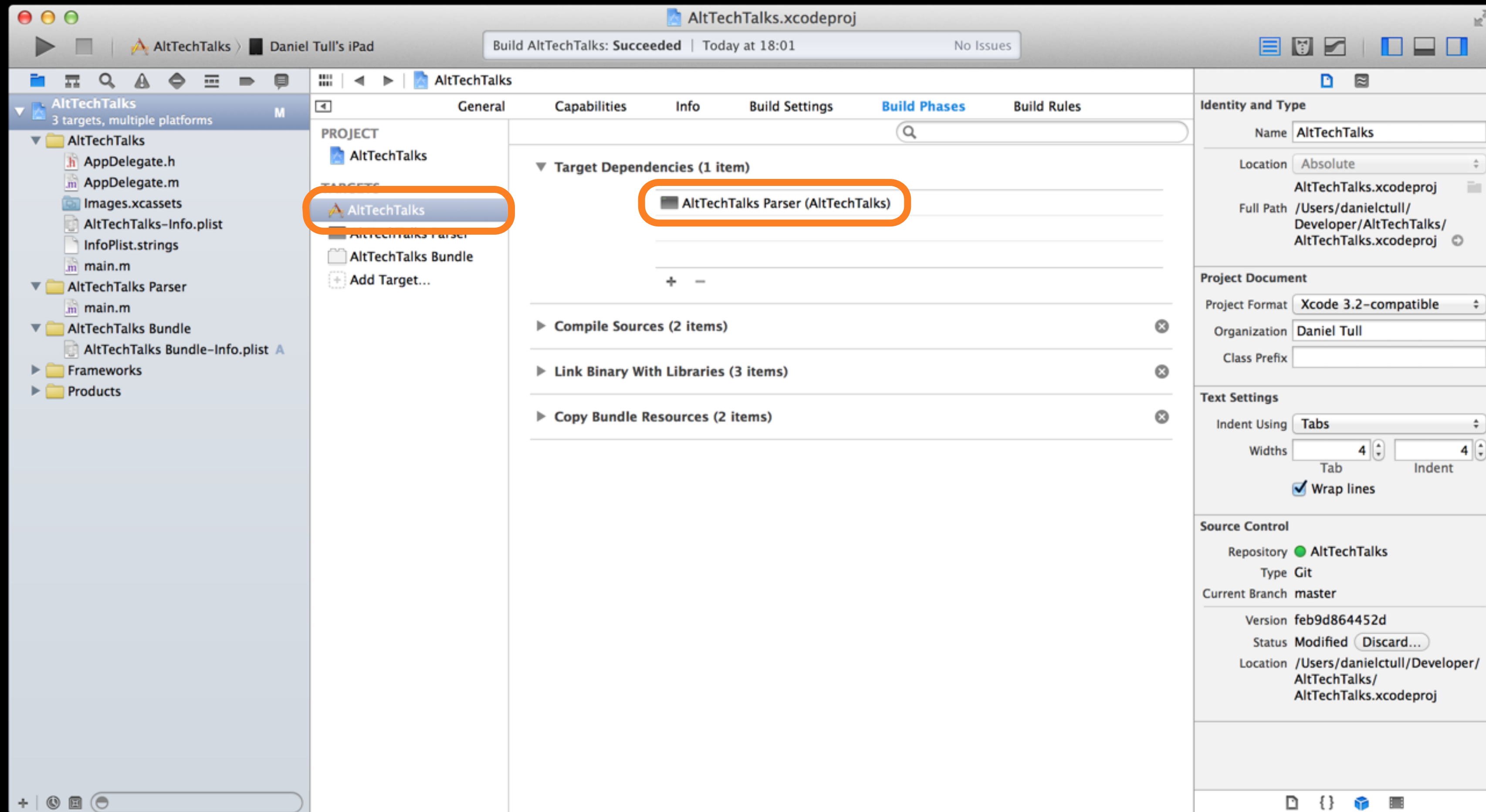
WHY CREATE A BUNDLE?

- Build the bundle before the parser
- Give the bundle path to the parser
- Copy the bundle into the iOS application

SETUP DEPENDENCIES

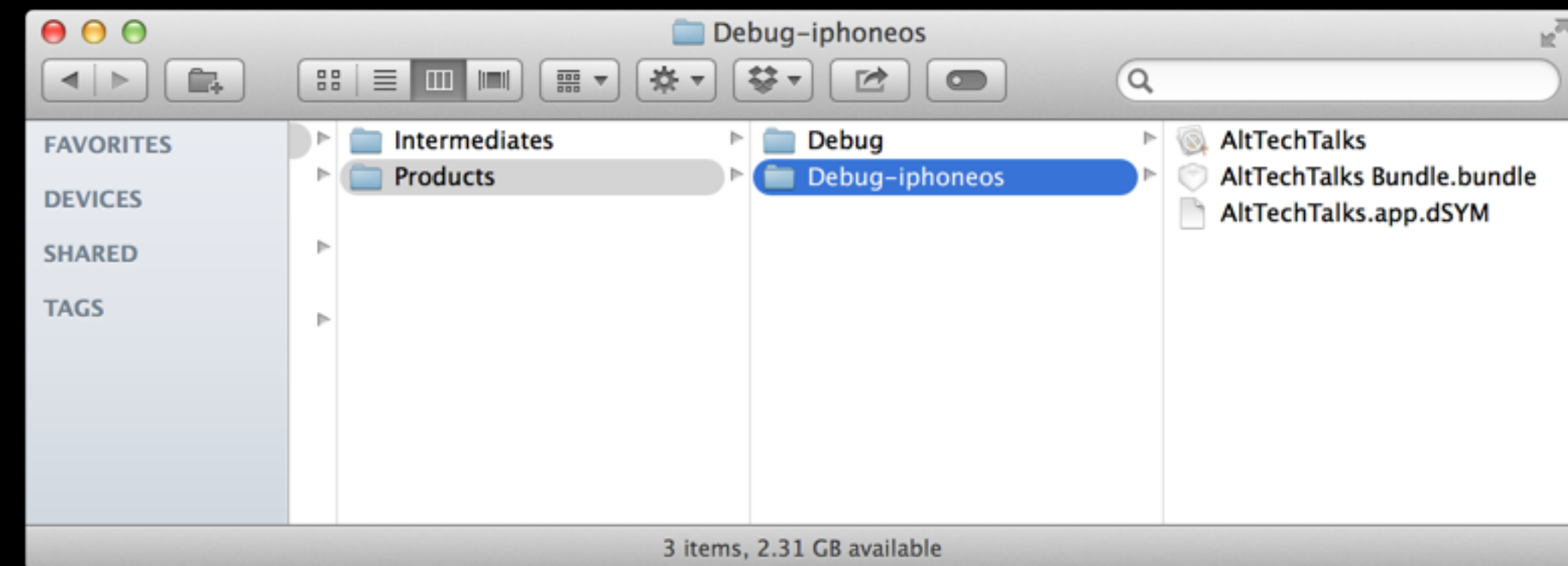
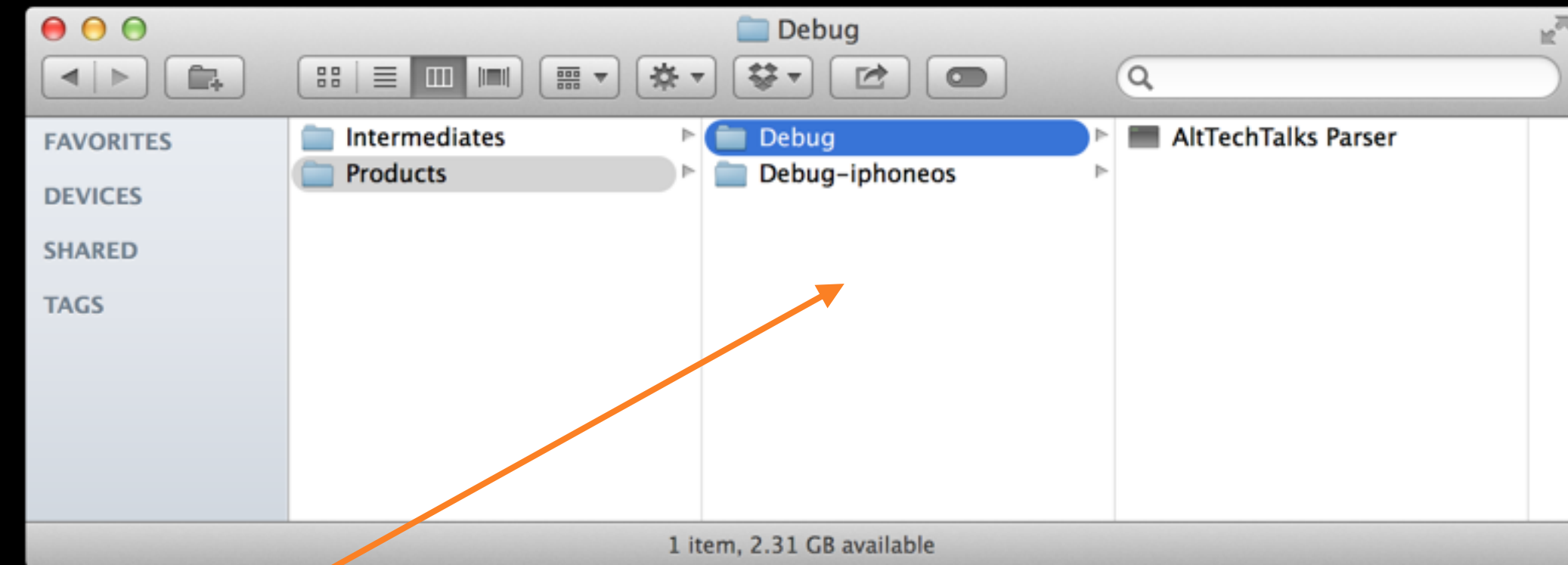


SETUP DEPENDENCIES

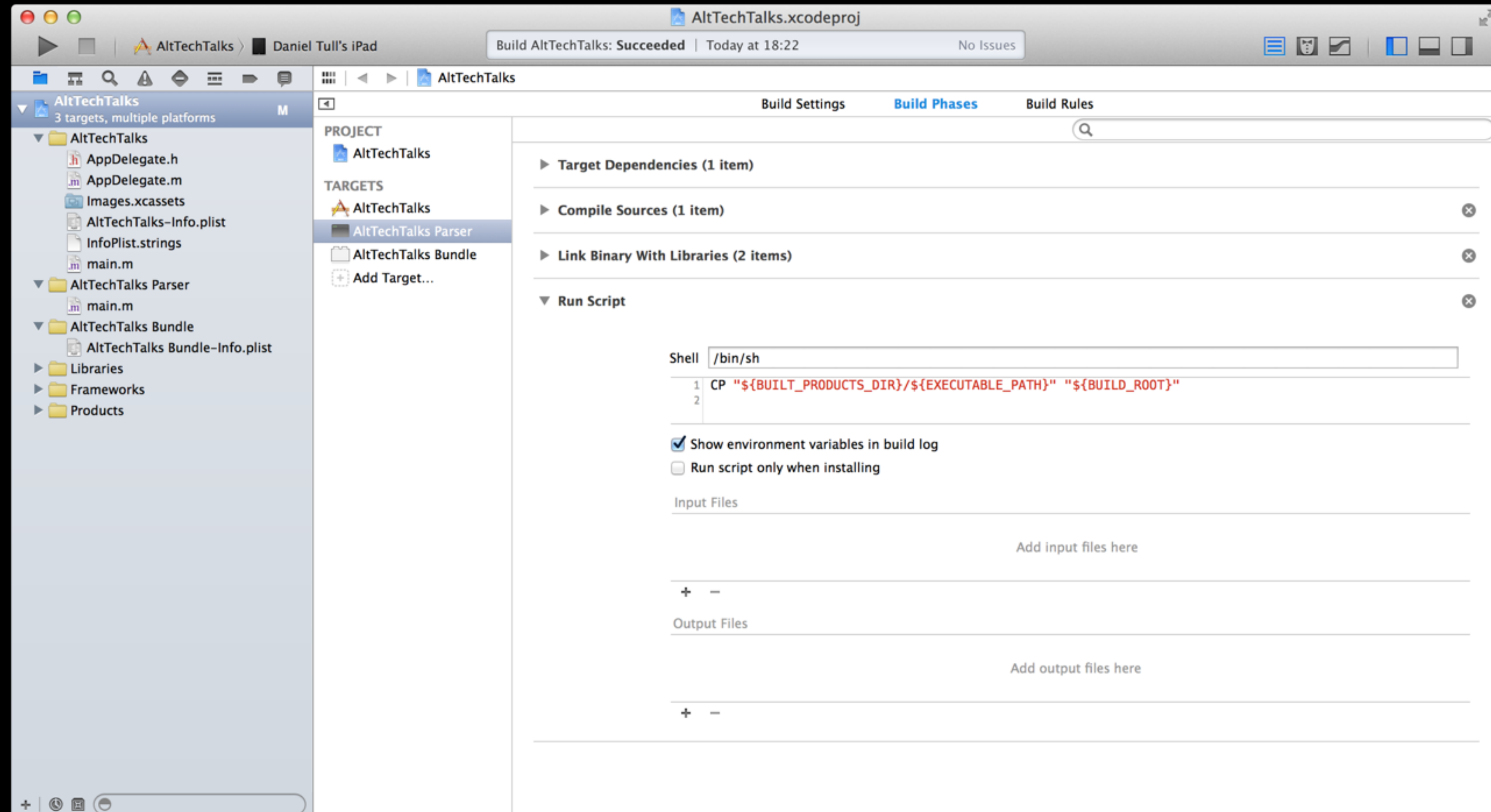


PROBLEMS WITH BUILD LOCATIONS

- It's difficult to say where the parser will get compiled to
- Copy it to `${BUILD_ROOT}`

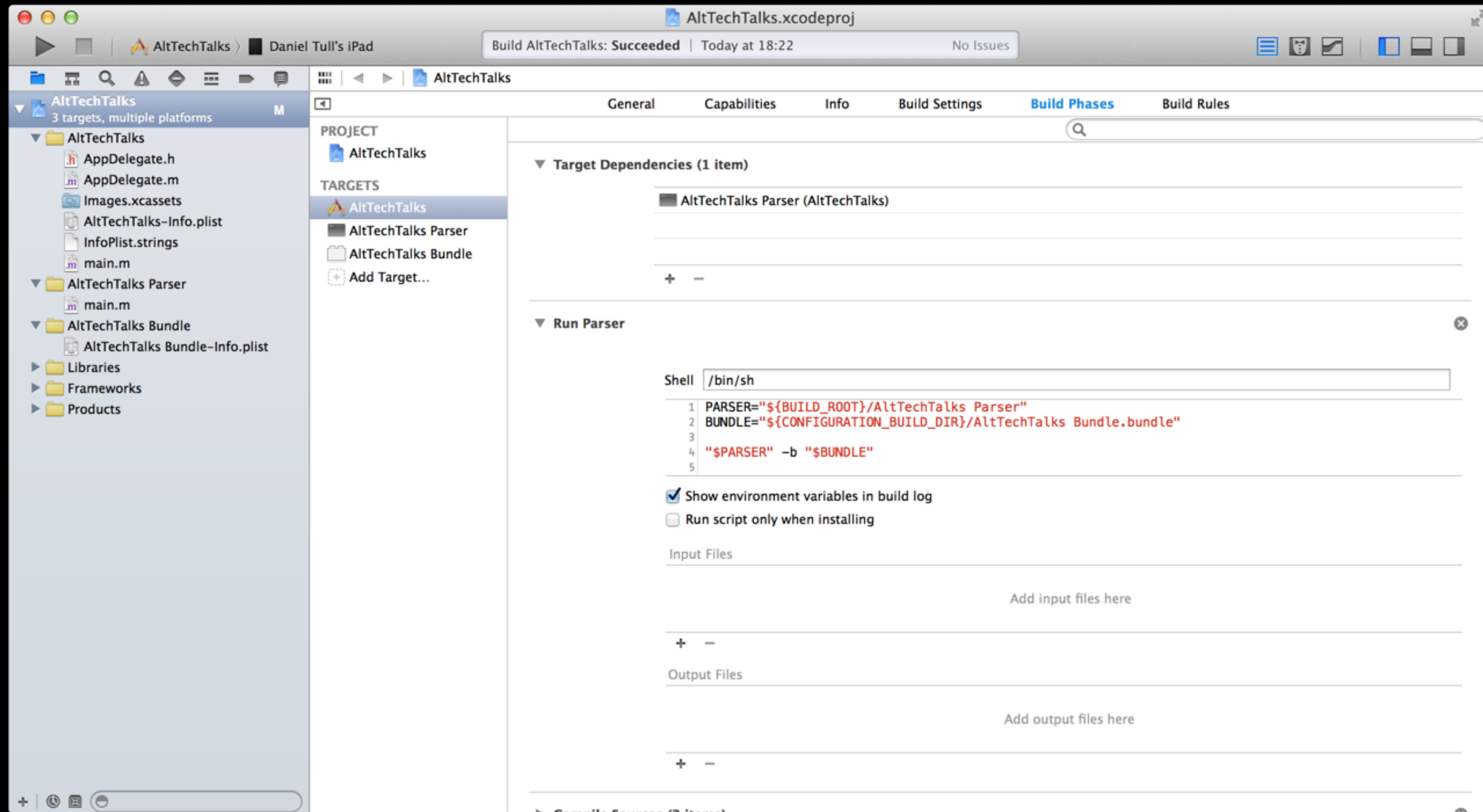


COPY PARSER TOOL



```
CP "${BUILT_PRODUCTS_DIR}/${EXECUTABLE_PATH}" "${BUILD_ROOT}"
```


RUN THE PARSER



RUN THE PARSER

```
PARSER="${BUILD_ROOT}/AltTechTalks Parser"
```

```
BUNDLE="${CONFIGURATION_BUILD_DIR}/AltTechTalks Bundle.bundle"
```

```
"$PARSER" -b "$BUNDLE"
```

DDCLI

- Command line version of the App Delegate
- Easily parse the options given to the app
- Written by Dave Dribbin and used in mogenerator

DEMO

github.com/danielctull-playground/AltTechTalks

I CAN'T BELIEVE I'M ADVISING THIS...

Block the thread

I CAN'T BELIEVE I'M ADVISING THIS...

- Use `sendSynchronousRequest:returningResponse:error:`
- Otherwise the process ends before you are done

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