

# Azure Functions GitHub Deployment from Subfolder

I'm using Azure functions with GitHub deployment. I would like to place the function in `src/server/functionName/` within the repo, but the deployment works only if the function is placed directly in `functionName/`

## How do I deploy functions that are placed in subdirectories?

The [documentation](#) states

your `host.json` file and function folders should be directly at the root of what you deploy.

but "should" doesn't mean "must", right?

What I tried:

- Various combinations of locations of `host.json` and `function.json`
- In `host.json` I set `routePrefix` but it seems to affect only the function's URL: `"http": { "routePrefix": "src/server" },`
- as for me I've created a separate branch to work around that. i was unable to find any way to put them anywhere else – [4c74356b41](#) Nov 10 '16 at 9:14
- FYI - the `routePrefix` setting doesn't refer to file paths, it refers to http routes. You only use that if you want to customize/change the default `/api` route. – [mathewc](#) Nov 10 '16 at 16:27

There are a few ways you can customize the deployment process. One way is by adding a **custom deployment script** to your repository root. When a `.deployment` script exists Azure will run that script as part of the deployment process as detailed [here](#). E.g. you can write a simple script that copies the files and directories from your sub directory `\src\server` to the root, e.g.:

```
@echo off
```

```
echo Deploying Functions ...
```

```
xcopy "%DEPLOYMENT_SOURCE%\src\server" %DEPLOYMENT_TARGET% /Y /S
```

If you don't want to commit a `.deployment` file to your repo and your requirements are relatively simple, you can also do this via app settings by adding a **PROJECT app setting** to your function app with the value being your sub directory, e.g. `src\server`.

- The deployment script approach works! I'm editing the post to add `/S` switch. This copies directories, which lets you copy multiple functions at a time.