

TYPESCRIPT IMPORTER FOR MOOSE 11+



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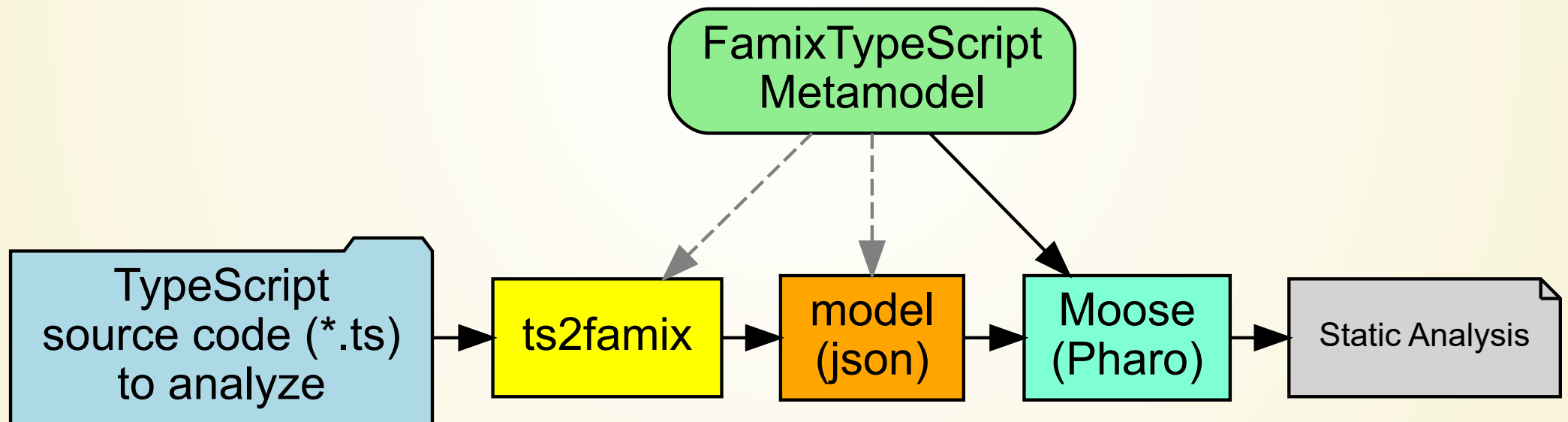
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TS2FAMIX

Modeling TypeScript projects in Moose



IMPROVEMENTS FOR MOOSE 11+

- Generics Metamodel Moose 11+
- ArrowFunctions
- Relative file names (source anchors)
- Cleaner Metamodel
- Tests Metamodel 60+ and Importer 250+
- Automated build/release GitHub Actions

TO DO

- Complete modeling of Imports
- Projects with no tsconfig.json (correct, relative Source Anchors)
- Testing on more projects

DEMO

- Install `ts2famix` in your system (it's on npm)

```
npm install -g ts2famix
```

- Create a Famix model of a TypeScript project

```
ts2famix -i myproject/tsconfig.json -o myproject-model.json
```

- Load the FamixTypeScript metamodel into Pharo/Moose

```
Metacello new
  githubUser: 'fuhrmanator' project: 'FamixTypeScript'
  commitish: 'master'
  path: 'src';
  baseline: 'FamixTypeScript';
  load
```

DEMO

- Load the Famix model in Moose

Drag and drop the `myproject-model.json` file into the Moose image

- Analyze the TypeScript project in Moose

DEVELOPERS

- <https://github.com/fuhrmanator/FamixTypeScript> - Famix TypeScript Metamodel
- <https://github.com/fuhrmanator/FamixTypeScriptImporter> - ts2famix importer
 - uses [ts-morph](#) npm package for much of the parsing