

The file `TypeScript.tmLanguage.json` and `TypeScriptReact.tmLanguage.json` are derived from `TypeScript.tmLanguage` and `TypeScriptReact.tmLanguage`.

To update to the latest version: - `cd extensions/typescript` and run `npm run update-grammars` - don't forget to run the integration tests at `./scripts/test-integration.sh`

Migration notes and todos:

- differentiate variable and function declarations from references
 - I suggest we use a new scope segment 'function-call' to signal a function reference, and 'definition' to the declaration. An alternative is to use 'support.function' everywhere.
 - I suggest we use a new scope segment 'definition' to the variable declarations. Haven't yet found a scope for references that other grammars use.
- rename `scope` to `return.type` to `return-type`, which is already used in other grammars
- rename `entity.name.class` to `entity.name.type.class` which is used in all other grammars I've seen
- do we really want to have the list of all the 'library' types (Math, Dom...). It adds a lot of size to the grammar, lots of special rules and is not really correct as it depends on the JavaScript runtime which types are present.