

## Notes - 8/22

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Wednesday, August 22, 2012 12:04 PM

### Agenda:

- Spec updates
- Spec and compiler alignment topics:
  - Ambients and declarations
  - Function+class overloading
  - `_Core` and `_element`
    - Array extensions and Array subclassing
  - Order of resolving ambient vs. physical external modules
  - Primitive typing
    - Managing the Intellisense experience
- Global definitions of "Position" and the like
- "resident"
- ES5 vs. ES3 as default "—target" mode
- Knockout typing
- Others?
- We might also want to discuss non-local effects on code generation, i.e. the problem that an export declaration in an internal module in one file affects the code generation of an internal module by the same name in another file. This is the biggest blocker to the "automatically generate .js file when you save .str file" feature we all would like to have.

```
declare class Foo {}
function Foo() {}
```

```
//foo
```

```
// bar
declare module "foo" {
}
```

```
//main
///<reference path='bar.str' />
import foo = module("foo")
```