

Notes - 10/28

Friday, October 28, 2011 3:59 PM

Exact types:

- [Color.Red, Color.Blue, 0]
 - Is it Color[] or number[]
 - Don't want 0 to 'spoil the pot'
 - Similar for null, undefined -> but the
- When we infer – we perform a transformation where we substitute any for nulls and undefined
 - Null and undefined are types, but not denotable -
- There is also a 'zero' type, which substitutes to Number
- Exact types is slightly stricter

Modules

- We want to be compatible with the web
- We want to be compatible with the Node.js
- We want to be compatible with the AMD web scenario

From: Luke Hoban

Sent: Friday, October 28, 2011 9:48 AM

To: Strada Design Team; Joe Pamer

Subject: Strada Design Meeting Agenda - 10/28

Agenda:

- Update on implementation from Steve
 - Experiment with importing jQuery into Strada
- Type system spec
- Modules and import (last attached)
- Exact types
- Backlog:
 - Simple generics
 - || typing
 - Promises typing
 - "is"
 - Optional parameters
 - Top-level scope and global module
 - Finish discussion of expression typing
 - "await"
 - Enums
 - Foreach
 - Any -> number (what gets emitted?)
- Anything else?

```
//strada.str
module Tools {
  class StradaCom
}
```

```
//stradavs.str
import Tools from
import Tools from
var c = new Tools
property x = 45;
```

```
//strada.js
define(function()
(function(Tools)
function StradaCom
Tools.StradaCom
StradaCompiler;
})(this.Tools || {}))
```

```
//stradavs.js
define(['strada', 'c
_other) {
var Tools = _stra
var Tools = _oth
var c = new Tool
this.x = 45;
});
```