

Notes - 3/22

Friday, March 22, 2013 10:09 AM

[In 41/4541 at 10:00 today.]

Agenda:

- Implementation update
 - Self-hosting compiler on 0.9.x + generics
- Spec updates review
 - Enums open ended
 - Enumdules
 - `var o = { foo() {} }` - YES
 - All of above post-0.9.0
 - Indexers
 - `Var a: {[x: number]: tring; }`
 - `A = {0: "hello", 1: "world", foo(): => "test" }`
 - `Interface Foo {`
 - `children: ...;`
 - `size: number;`
 - `}`
 - `Function defineFoos(foos: {[x: string]: Foo});`
 - `defineFoos({"abc": { size // statement completion can be here`
 - `// PropertyBag<T> - future consideration`

```
makeMap<T>(items: {[x: string]: T}): FancyMap<T> {}
makeMap({ "hello": myA, "world": myB});
```

```
var a: { [x: number]: Element; }
var d: { [x: string]: Element; }
a = d; // ok
d = a; // error
a = { 0: myElement }
```

```
d["toString"] => () => "string"
var s = "toString";
```

- Spec questions:
 - Declaration spaces and name conflicts
 - For loops
 - Param + local
 - Global + ambient
 - Extensions
 - Potential rules:
 - Ambient global variable declarations are hidden by global non-ambient declarations
 - Catch clause
 - Promise typing
 - [645186](#): Should 'any' be allowed as a class name?
 - [641143](#): Should it be possible to type a parameter as 'not a primitive'?
 - [509678](#) and [509590](#): Should call construct and index signatures be allowed in classes?
- Modules:
- ES6 [Module Alignment Analysis](#) ([Web view](#))
 - "-out" for external modules (and separating "-outdir")
- Other potentially open items for 1.0:
 - Recursive type check improvements
 - Extending 'declare var'
 - Remaining class alignment deltas:
 - [Class expressions](#)
 - Extends expressions
 - "extends null"

```
Class Foo {
  1(){}
}
```

```
Var o = {
  foo() {}
}
```

Luke