

## Notes - 9/21: SENT

Friday, October 14, 2011 8:45 AM

Modules:

### MODULES

```
// MyModule.js
```

```
var x = 10;
class C() {}
exports.x = x
```

```
// MyMain.js
```

```
var myModule = require('myModules.js')
var c : MyModule.C
```

```
strc myModule.str myMain.str
```

```
define("MyModule", ["Foo", "Bar"], function(Foo, Bar) {
});
```

```
//MyModule.str
```

```
import Foo;
import Bar;
extern windows: IWindows;
public x = 10;
```

Question: Do we require you to specify "import"s?

```
Strc MyMod.str Foo.str Bar.str Baz.str
```

```
Import Foo;
```

Separate require.js pattern:

- Just track dependencies – not

```
// MyMod.str
```

```
Module M
```

```
{
  Foo.x
```

```
  Bar.y
```

```
}
```

```
//MyMod.js  
require(["foo.js", "Utils.js"], function() {  
  global.M = {};  
})
```

We'll give you a default require, but you can provide your own.

But module injects values into the global namespace