

Notes - 8/12: SENT

Friday, August 12, 2011 4:36 PM

Agenda:

- Update on implementation from Steve
- "is"
- Continue discussion of expression typing
- Backlog:
 - Extern and retrofitting types on global code
 - Top level scope?
 - Global module
 - Promises typing
 - "await"
 - Enums
 - Foreach
 - Any -> number (what gets emitted?)
- Anything else?

What's not there:

- Compiler:
 - Operator typing
 - Var type inference
 - Lambda syntax
 - Private members (enforcement, underscore)
 - Can leave private interfaces out
 - Error on duplicate members
 - Including after _ prefix
 - Can have public names that start with an _, but they must
 -
 - N -> N compilation
 - Generate interface files
 - Emit the interface
- Language services:
 -

```
extern module Math {
```

```
}
```

```
extern document : IDocument;
```

"extern" and "extern private"

```
class Date(ms: number) {
}
Module Date
{
  public new(): Date
  public new(...): Date
  public (...): string
}
```

Date is not implementable as classes in strada natively.

```
Class Foo
{
  Public f(x:number): number;
  Public f(x:string): string;
  Implementation f(x:any): any;
```

```
}
```

Does a class constructor become the implementation automatically when there 'new' : YES

```
Class Foo(...args: any[]) {  
  ...  
}  
Module Foo {  
  Public new(x: number);  
  Public new(s:string);  
}
```

Short of a syntactic solution.

Luke: Implement Date

From: Luke Hoban

Sent: Friday, August 12, 2011 9:28 AM

To: Strada Design Team

Subject: Strada Design Meeting Agenda - 8/12

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