

Notes - 1/13

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Monday, January 09, 2012 9:14 AM

[In 41/4725 at 10:15am]

Agenda:

- Engineering Update
 - January milestone plans
- JoshWil feedback
 - ES5 properties
 - Bug - going to get fixed.
 - Private
 - Propagate type information into overrides
 - VS support on Express
 - /r support
 - Bug
 - Overloads in classes (or do optional and varargs cover enough?)
 - Real use case - unless
 - DOMElement | string
 - If(foo.someObject)
 - We need to agree to fix it
 - String indexing on all objects
 - Cross-casts with “as” without “as any as IFoo”
 - Mixins (what patterns?)
 - Writing to the global
 - No ambient access
 - Maybe more?
 - ? In interface members
 - No - but don't need it
 - Return; has wrong inference
 - Bug?
 - No return statements should infer void instead of recursion error
- High level impressions
 - Liked it
 - Felt natural
 - Felt similar to M which there was familiarity with
 - **Concern:** Match to existing surface area - can't make breaking changes
 - Took 2 hours investigating
 - 2.5 hours integrating in build
 - 1.5 hours to rewrite promise
 - 2 hours to rewrite the rest
 - 100k worth of Strada
- Feedback from partner presentations:
 - Minification requirements
 - Script# -> Strada
 - Strada -> CoffeeMaker
 - Flag that enforces type annotations instead of implicit 'any'
- Spec:
 - Names and declarations
- Design work:

- Enums
- Target typing
- Anonymous modules
- Statics
- Generics?
- /r and #reference and other meta-directives
- Inference for lambdas
- ES6 alignment: consider targeted expression-level features (destructuring? const?)
- Anything else?
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- Modules:
 - Lexical scopes are truly lexical
 - Module exports must always be qualified access