

Notes - 2/14: SENT

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IMPORTANT

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- Mixins
 - Extension methods
 - But is there a callsite conversion
 - Look at traits
 - Look at interfaces with methods

```
interface IMix {
    void m(int a) {
    }
}
```

- But interfaces are about structural typing
- Anders;
 - Allow there to be implementations of methods in interfaces
 - 'this' is an IMix
 - No state – you cast to var and jam it in.
- Multiple base classes instead
 - But there is a diamond construction problem when Mixin says that it is a D
- Interface approach:
 - Methods on interfaces don't become instance methods
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- Point about extension methods
 - They have to extend something – not just var
 - If they have to extend interface, why not put them in interface
 - But can you override??
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- Modules
 - "module" keyword