

Test Driven Design

selected sample slides

<http://bigup.be>

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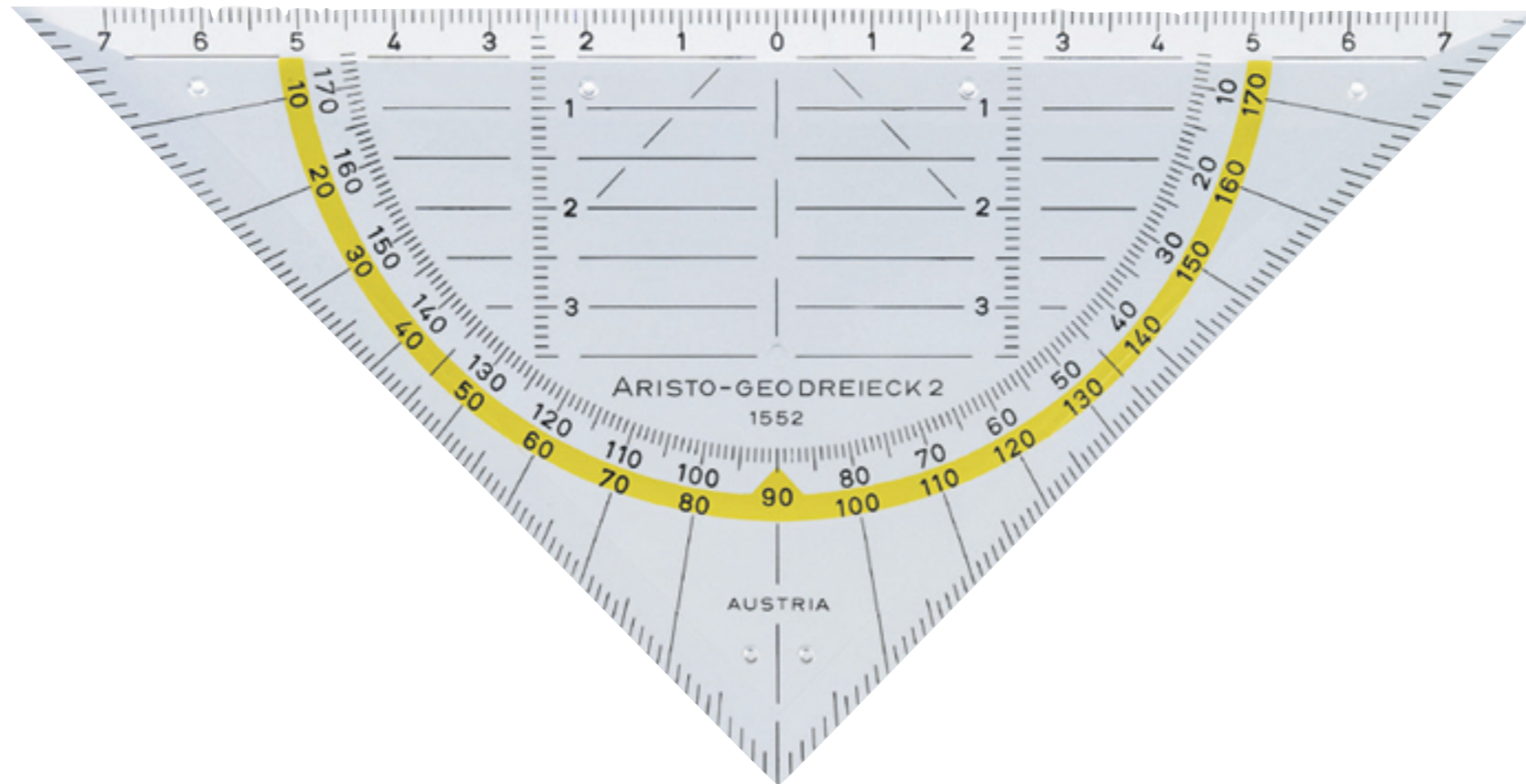


The Value of Automated Testing

- Repeatable
- The more the merrier... and the cheaper
- Value increases with time
 - Test environment ready for bugfixing
 - Catch regressions

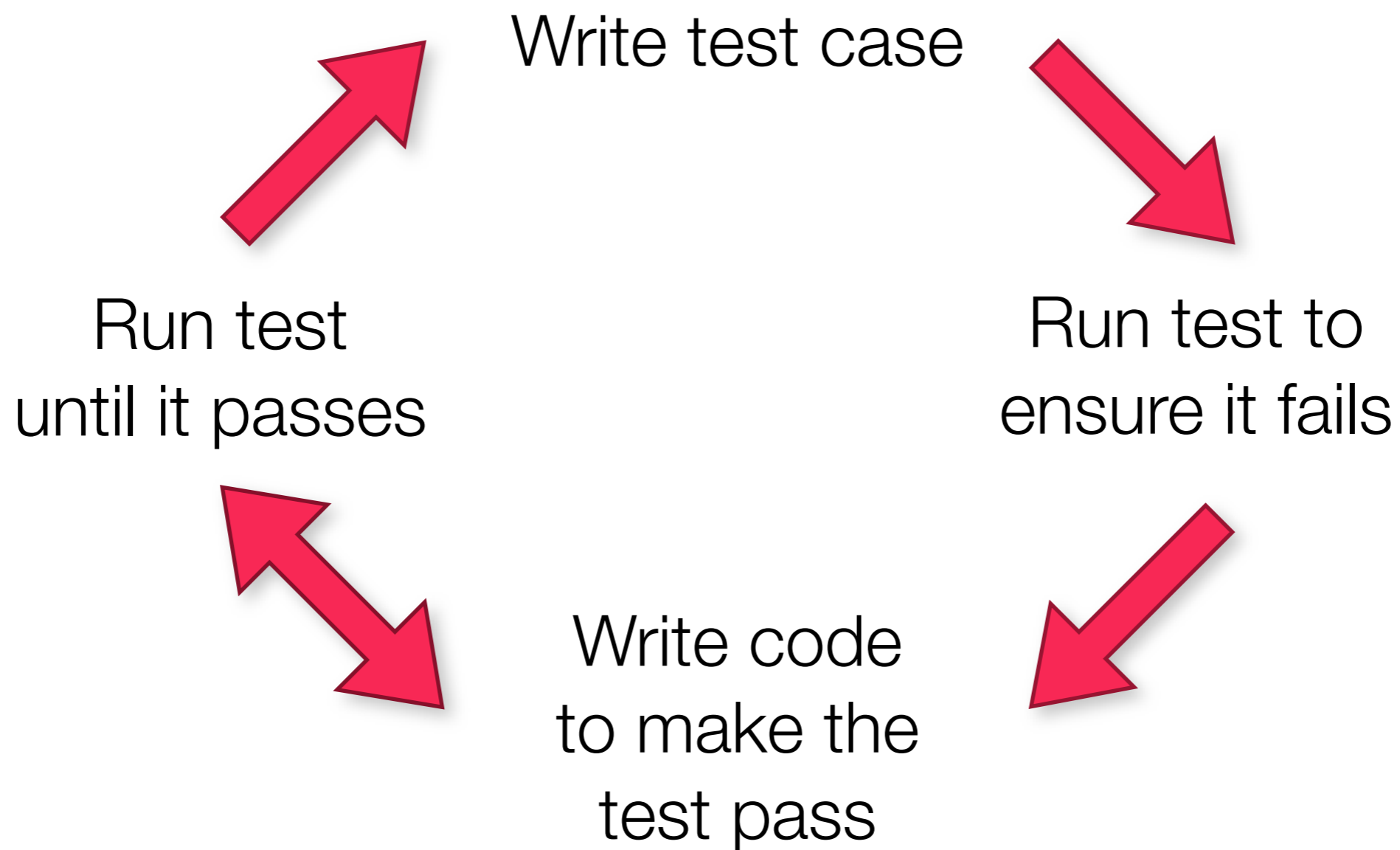


You Are Designers





The Test Driven Development Loop





Why Test Doubles?

- Enforce predictable behavior
- Simulate parts of the system
 - Unfinished modules
 - Communication with hardware
 - ...
- Avoid dependency with external systems



Code Coverage

- Find out what code is executed
- Helps focus on untested cases
- Code workout
- Mandatory for dynamic languages