

Increasing Productivity with an IDE



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Overview



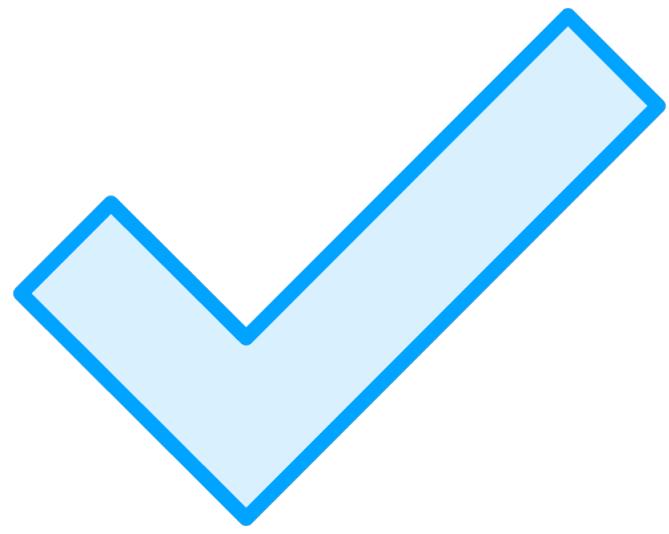
IDE features to avoid bugs

Debugging tools

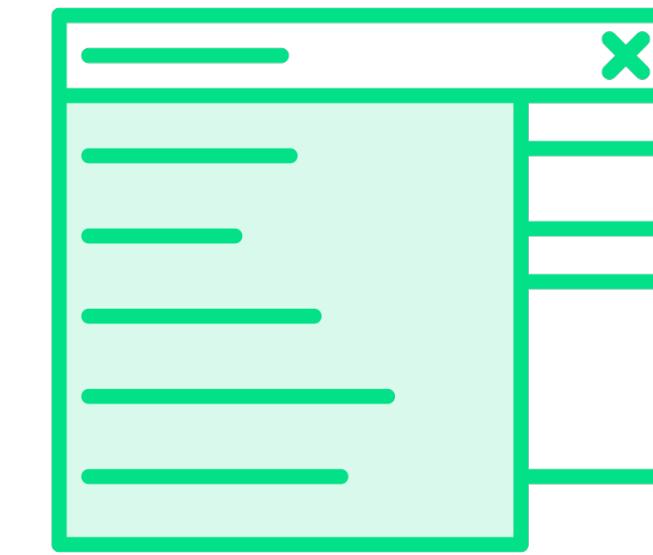
IntelliJ demo



Preventing Errors



Compiler checks
Catch missing characters,
invalid syntax



Autocomplete
Prevent errors, save time,
reference variables in scope



IDE Debugging Features

Run / Debug mode

Breakpoints

Static, conditional,
exception-based

Stepping

Over, into, out of

Variable watch

Expressions

Launch profiles

Reload



Demo



IntelliJ

- Syntax checks
- Autocomplete
- Launch profiles
- Run and Debug modes
- Breakpoints
- Variable watches
- Expressions
- Stepping through code
- Reload changes

Overview

- More than one way to do it



Summary



Different types of bugs

Avoiding common mistakes

Maintainable code

Stack trace

Garbage collection

IDE tools

- Writing
- Debugging

