Contract-based Software Development

Rasmus Guldborg Pedersen

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Overview

1. Assertion

Preconditions

- Evaluated before method execution.

Preconditions

- Evaluated before method execution.
- Expectations from the caller.

Preconditions

- Evaluated before method execution.
- Expectations from the caller.
- Part of the specification.

Postconditions

- Evaluated after method execution.

Postconditions

- Evaluated after method execution.
- What the caller can expect.

Postconditions

- Evaluated after method execution.
- What the caller can expect.
- Part of the specification.

The End

"Testing shows the presence, not the absence of bugs."
— Edsger W. Dijkstra