Exception vs Error in Java

Reference:

<https://medium.com/@junfeng0828/b44b07823f72>

Exception

Throwable is a parent class of Error and Exception.

Only class inherit Throwable class or Throwable sub class

classes with the @throw annotation

A diagram of a diagram

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There are 2 type Exceptions:

Checked exceptions:

IOException

SQLException

Runtime exceptions:

Cannot be found during compilation (Java to class in target, package source code to .jar /.war)

Can only be found during Runtime

NullPointerException

ClassNotFoundException

There are two ways to handle exception.

1. Throws and throw

A close-up of a computer code

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1. Try catch finally / try-with-resources

Can be try catch and handle programmatically.

ERROR

Error occurs despite the fact that a perfect program is tested, and all exceptions are solved.

Cannot be try catch and cannot be handled programmatically.

Errors are uncheckable.

Example:

Out of memory

StackOverflow

System related issue

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