

Java

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Openjdk ()

Case Study

- java8
- GraalVM

Java

() Oracle / Code Conventions for Java™ Programming Language / 1999-4-20
()

```

1.      extends
2.      가      super();
      ,      가
      ,
3.      (@Override)
      ( , , ) 가
      ,

```

```

        (public, protected, default, private)
    @Override
    super.
4. final
    final class: String final
    final method():
5. (Polymorphism)

6. instanceof
    : if(A instanceof B )

7. (abstract)
    (new) 가 ,
    가
    1. ( )
    2.
    [public | protected] abstract ( , ...);
    @Override

```

public	, ,	
protected	, ,	가
default	, ,	
private	, ,	

- ()
- [Batch\(\)](#) [_DB](#)
 - [JDBC](#)
 - [Math](#)
 - [Jenkins\(\)](#)

Lamda()

- [Lamda](#)

Reflection()

- [Reflection](#)

Stream

- [stream](#)

- [get, post](#) [가](#)
- [ibatis to mybatis](#)
- [jackson](#)
- [jsoup](#)
- [selenium](#)
- [List](#)
- [Regular Expression](#)
- [/ How to check whether an array contains a particular value](#)
- [in java](#)

(Javascript)

base URL

.

```
function absolute(base, relative) {
    var stack = base.split("/"),
        parts = relative.split("/");
    stack.pop(); // remove current file name (or empty string)
                  // (omit if "base" is the current folder without trailing
slash)
    for (var i=0; i<parts.length; i++) {
        if (parts[i] == ".")
            continue;
        if (parts[i] == "..")
            stack.pop();
        else
            stack.push(parts[i]);
    }
    return stack.join("/");
}
```

- [XSS injection prevention](#)

Apache-commons

- commons-lang
 - [StringUtils](#)
- commons-io
 - [FileUtils](#)
- commons-codec
 - [Base64](#)

Boolean vs boolean

boolean				true, false		null
null				Boolean		.
	int	null		Integer	null	.

Cast

[Convert double to float in Java](#)

```
double d = getInfoValueNumeric();
float f = (float)d;

// Also notice that the primitive types can NOT store an infinite set of
// numbers:

// float range: from 1.40129846432481707e-45 to 3.40282346638528860e+38
// double range: from 1.7e-308 to 1.7e+308
```

Date

-
-
- [Date java](#) , , ,

enum

Naming	(Week.java, Role.java, ...) // Camel case (MONDAY, ROOT, ...) // Snake case
Calendar.class	~

, , ...

TableStatus.java

```
// public enum <-
//
public enum TableStatus
{
    Y("1", true)
    , N("0", false);

    private String table1Value;
    private boolean table2Value;

    TableStatus(String table1Value, boolean table2Value)
    {
        this.table1Value = table1Value;
        this.table2Value = table2Value;
    }

    public String getTable1Value()
    {
        return table1Value;
    }

    public boolean isTable2Value() { return table2Value; }
}
```

- values()
 -
- ordinal()
 -
- valueOf()
 - String String 가 IllegalArgumentException
 - String

Java Enum
enum

Format

-
- JAVA/ Float

Library

- 

Log

[logging framework logback](#)

Map

- [How to Convert List to Map in Java](#)

Optional

```
Optional “”, “null”
WRAP
가 Collection Stream
null가
```

Optional.ofNullable(value)

```
null Optional
Optional.empty() Optional.ofNullable(value)
null, NPE Optional.empty() Optional
가 null
```

[8 Optional 2 : null](#)

Reflection

- [Call Methods at Runtime Using Java Reflection](#)

Servlet, Request, Context

- [Servlet, Request, Context](#)

String

- [replaceAll](#), [replace](#)

Thread

-

Tip

- [How can I get the current stack trace in Java?](#)

- **try{} catch(){} finally{}**

- [e.toString\(\)](#), [e.getMessage\(\)](#), [e.printStackTrace\(\)](#)
- [Spring Guide - Exception](#)

Ref

- [concurrency](#)
- [fcntl](#)

, [java](#), [doc2vec](#)

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