

# 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\(\)](#)

**Lambda( )**

- [Lambda](#)

**Reflection( )**

- [Reflection](#)

## Stream

- [Stream](#)

## Case Study ( , )

- [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("/");
}
```

- [\[Java\]](#) [IP](#) [InetAddress](#)

- [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 가 IllegalArgumentException

Java Enum  
enum

## File, Dir

- , ( )
- [Java] ( ) ( , )
- <https://bedmil.tistory.com/7>

# Format

- 
- [JAVA/ Float](#)

# Library



- 

# Log

[logging framework logback](#)

# Map

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

# Optional

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

Optional.ofNullable(value)

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

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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