2025/12/14 07:33 1/7 Java

Java

```
description:author:email: dhan@repia.comlastupdate: 2020-03-09
```

Openjdk ()

Case Study

- java8
- GraalVM

Java

```
( ) Oracle / Code Conventions for JavaTM 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
    2.
  [public | protected] abstract
                                               , ...);
                                              @Override
```

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

```
(
```

- Batch() DB
- JDBC
- Math
- •
- Jenkins()

Lambda()

• Lambda

Reflection(

Reflection

2025/12/14 07:33 3/7 Java

Stream

• Stream

Case Study (,)

```
• get, post 가
```

- ibatis to mybatis
- jackson
- jsoup
- selenium
- List
- Regular Expression
- •
- •
- •
- in java

/ How to check whether an array contains a particular value

n Java

(Javascript)

```
base URL
```

- [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 ~
```

2025/12/14 07:33 5/7 Java

, ,

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; }
}</pre>
```

```
• values()
```

0

ordinal()

0

valueOf()

String

String 가 IllegalArgumentException

Java Enum enum

File, Dir

```
• , ( )
• [Java] , ( ,
```

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Format

• JAVA/ Float

Library



Log

logging framework logback

Map

• How to Convert List to Map in Java

Optional

Optional	"		", , " null	"
	WRAP .			
가		Collection	Stream	
		null		가

Optional.ofNullable(value)

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

2025/12/14 07:33 7/7 Java

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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Last update: 2023/02/28 14:11

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