

Regular Expression

Tips, Java

Java에서 아래와 같은 구문으로 이용한다.

```
Pattern p = Pattern.compile("^REGULAR_EXPRESSION$",
Pattern.CASE_INSENSITIVE); // regex, pattern
Matcher m = p.matcher(STRING);
boolean b = m.matches();
```

Java 전용 표현

<https://docs.oracle.com/javase/7/docs/api/java/util/regex/Pattern.html>

Pattern.CASE_INSENSITIVE	(?i)
Pattern.COMMENTS	(?x)
Pattern.MULTILINE	(?m)
Pattern.DOTALL	(?s)
Pattern.LITERAL	None
Pattern.UNICODE_CASE	(?u)
Pattern.UNIX_LINES	(?d)

활용

전화번호

```
^(02|0[3-6]{1}[1-5]{1})-[0-9]{3,4}-?[0-9]{4}$ //지역번호-xxx(x)-xxxx
^(15(44|77|88|99)|1644)-?[0-9]{4}$ //15xx/1644-xxxx
```

소괄호 안 문자(□ Parameter) 추출

```
String str = "(int a, int b)";

Pattern p = Pattern.compile("\\((.*)\\)");
Matcher m = p.matcher(str);

while(m.find())
    System.out.println(m.group(1));
```

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