

# replaceAll, replace

- description : replaceall
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## Case study

1. base64 (`` → `<img src=""/>`)

```
String testStr="<img src=\" ...
5XTk8evT\">";
System.out.println(testStr.replaceAll("src=\"data:image[^\"]*\"",
"src=\"\""));
```

2. `http://www.repia.com` → `<a href="http://www.repia.com" target="blank">www.repia.com</a>`(가)

```
String testStr="http://www.repia.com ";
System.out.println(testStr.replaceAll("(http(s)?://([^ ]*))", "<a
href=\"\$1\" target=\"blank\">\$3</a>"));
```

```
(http(s)?://([^ ]*)) ⇒ $1
(s) ⇒ $2
([^ ]*) ⇒ $3
```

```
// Source
public static void main(String[] args)
{
    String[] linkHostList = {
        "http://www.sit.re.kr/kr/board/result/boardView.do?bbsIdx="
        ,
        "https://scienceon.kisti.re.kr/srch/selectPORSrchTrend.do?cn="
        ,
        "https://www.kosen21.org/info/kosenReport/reportView.do?articleSeq=" };

    for(String linkHost: linkHostList) {
        System.out.printf("%s -> %s\n", linkHost,
linkHost.replaceAll("(http(s)?://([^/]*)(/.*)", "$3"));
    }
}
// Output
http://www.sit.re.kr/kr/board/result/boardView.do?bbsIdx= -> www.sit.re.kr
```

```
https://scienceon.kisti.re.kr/srch/selectPORSrchTrend.do?cn= ->
scienceon.kisti.re.kr
https://www.kosen21.org/info/kosenReport/reportView.do?articleSeq= ->
www.kosen21.org

// Output <= $1
http://www.sit.re.kr/kr/board/result/boardView.do?bbsIdx= ->
http://www.sit.re.kr/kr/board/result/boardView.do?bbsIdx=
https://scienceon.kisti.re.kr/srch/selectPORSrchTrend.do?cn= ->
https://scienceon.kisti.re.kr/srch/selectPORSrchTrend.do?cn=
https://www.kosen21.org/info/kosenReport/reportView.do?articleSeq= ->
https://www.kosen21.org/info/kosenReport/reportView.do?articleSeq=

// Output <= $2
http://www.sit.re.kr/kr/board/result/boardView.do?bbsIdx= ->
https://scienceon.kisti.re.kr/srch/selectPORSrchTrend.do?cn= -> s
https://www.kosen21.org/info/kosenReport/reportView.do?articleSeq= -> s

// Output <= $4
http://www.sit.re.kr/kr/board/result/boardView.do?bbsIdx= ->
/kr/board/result/boardView.do?bbsIdx=
https://scienceon.kisti.re.kr/srch/selectPORSrchTrend.do?cn= ->
/srch/selectPORSrchTrend.do?cn=
https://www.kosen21.org/info/kosenReport/reportView.do?articleSeq= ->
/info/kosenReport/reportView.do?articleSeq=
```

### 3. ltrim, rtrim

```
String testStr=str.replaceAll("^\\s+", ""); //ltrim
String testStr=str.replaceAll("\\s+$", ""); //rtrim
```

'^' mean  
'\$' mean  
\\s+ mean white space

## Ref

- [Pattern, Regular Expression](#)
- [Regular Test](#)

## Tip

# Troubleshooting

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

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