

Patch for Apache-Ant Bug 34464 (Ant v1.6.2)

```
+ int i = -k.length();  
- while (s.indexOf(k) == -1) {  
+ while (i++<0 || s.substring(i).indexOf(k)==-1)  
    {s.append (nextchar());}
```

A PPP we found in the latest version of Struts

```
while (1) {  
-   n = s.indexOf("%\\>");  
+   n = s.substring(n+2).indexOf("%\\>");  
    if (n < 0) break;  
    ... // replace "%\\>" by "%>" and continue  
}
```

What is this bug

String::indexOf(String sub) looks for sub-string *sub* from the beginning of a string *s*.

If program has already compared the first *N* characters of *s* with *sub*, it is better not to repeat this.

The Struts PPP is already confirmed and patched by Struts developers based on our report