

```
public static boolean nodeExists(InputSource inputSource, String xpath) throws XPathExpressionException {  
    XPathFactory factory = XPathFactory.newInstance();  
    XPathExpression expression = factory.newXPath().compile(xpath);  
    "config/api/src/main/java/com/thoughtworks/go/util/XpathUtils.java" 66L, 2594C
```

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This use of `javax.xml.xpath.XPath.compile(Ljava/lang/String;)Ljava/xml/xpath/XPathExpression;` can be vulnerable to XPath Injection

XPath injection risks are similar to SQL injection. If the XPath query contains untrusted user input, the complete data source could be exposed. This could allow an attacker to access unauthorized data or maliciously modify the target XML.

References

WASC-39: XPath Injection

OWASP: Top 10 2013-A1-Injection

CWE-643: Improper Neutralization of Data within XPath Expressions ('XPath Injection')

CERT: IDS09-J. Prevent XPath Injection (archive)

Black Hat Europe 2012: Hacking XPath 2.0

Balisage.net: XQuery Injection