

***SEMANTIC ANALYSIS OR CONTEXT SENSITIVE ANALYSIS IS A PROCESS IN COMPILER CONSTRUCTION, USUALLY AFTER PARSING, TO GATHER NECESSARY SEMANTIC INFORMATION FROM THE SOURCE CODE.***

**INCLUDES SUCH THINGS AS TYPE CHECKING TOO.**

# SEMANTIC ANALYSIS

- Catch bugs
- Catch security issues

```
752 });  
753  
754 function elementExtractor(tagName, type) {  
755     return new RegExp(  
756         `<${tagName} [^>]*["']${type}["'][^>]*>([\\s\\S]+?)</${tagName}>`,
```

This regular expression is constructed from a [ 2 Values ].

user-provided value

user-provided value

```
757     'gm' );  
758 }  
759
```