

# How to use JavaScript as a condition in the Business Rule

FIXEdge allows to use JavaScript as a condition on the Business Layer. In order to apply JS condition to the FIX message you should use the [Script](#) element.

## Example

```
<Condition>
  <Script Language="JavaScript" FileName ="testScript.js"/>
</Condition>
<Action>
  <MoveField SourceField="32" TargetField="48" />
</Action>
```



JS condition can be combined with other conditions in usual way.

In order to use the script as a condition it should return the value. In JS every expression returns the value and the result of the script is a value returned by the last run expression. So the boolean value can be returned such a way:

## testScript.js

```
result = false;
if( "Sender" == getStringField(49) )
{
  result = true;
}
result; //last instruction to return result value
```



Do not use JS elements which modify the message (for example [setStringField](#) or [transform](#)) as a condition, because it will lead to error that interrupts the script.



When the script is used in the Action section, then error leads to the [OnRuleFailEvent](#) element, but when the script is used in the Condition section, then it just returns 'false'.