## **Duplicate issue detection**

**Issue Report 1:** Please read and understand the following issue:

The [OpenOffice](https://github.com/apache/openoffice) project received **Issue Report 1,** which describes the following issue:

| **Issue Report 1**  **Issue Title:** When I was to install the new version of the OpenOfficce appeared the following  error:Internal Error 2735. Shellextensionsdll5.  **Issue Description:** And the wizard was interrupted before OpenOffice completely was installed. |
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To confirm that the issue is new, e.g., not reported before, the OpenOffice developers determined that issues with issue IDs **#2, #10, #16** described the same problem as the current issue. For evaluation purposes, you will need to compare SPRINT's suggestions with the issues just mentioned.  
  
After reading and understanding the issue, please complete the following instructions.  
  
**1.** Create the issue on **Repository-1 (**[SPRINT\_user\_study\_repository\_1](https://github.com/adnan23062000/SPRINT_user_study_repository_1)**)** by performing the following steps:

**(a)** Go to the repository  
**(b)** Click on Issues  
**(c)** Click on ‘New issue’  
**(d)** Copy and paste the content in the title and description sections  
**(e)** Click ‘Submit new issue’

**2.** Observe SPRINT’s suggestions for the Duplicate Issue Detection feature. Feel free to take notes of the issue IDs of the duplicate issues.  
  
**3.** Assess the suggestions given by SPRINT by comparing them to the following issue reports: **[ #2, #10, #16 ],** which are supposedto describe the same or a similar problem to the issue you submitted (Issue report 1) -- feel free to open and read these reports to validate their similarity with issue report 1.

**Issue Report 2:** Please read and understand the following issue:  
  
The [OpenOffice](https://github.com/apache/openoffice) project received **Issue Report 2** which describes the following issue:

| **Issue Report 2  Issue Title:** I have created 3 tables and then have gone to tools/relationships.  **Issue Description:** Then I created 2 relationships and saved them, but when I open the relationships dialog again, none of the previously created can be seen. After asking in the forums they told me o write an issue here. |
| --- |

To confirm that the issue is new, e.g., not reported before, the developers determined that issues with issue IDs **#5, #12** described the same problem as the current issue. For evaluation purposes, you will need to compare SPRINT's suggestions with the issues just mentioned.  
  
After reading and understanding the issue, please complete the following instructions.  
  
**1.** Create the issue on **Repository-1 (**[SPRINT\_user\_study\_repository\_1](https://github.com/adnan23062000/SPRINT_user_study_repository_1)**)** by performing the steps:

**(a)** Go to the repository  
**(b)** Click on Issues  
**(c)** Click on ‘New issue’  
**(d)** Copy and paste the content in the title and description sections  
**(e)** Click ‘Submit new issue’

**2.** Observe SPRINT’s suggestions for the Duplicate Issue Detection feature. Feel free to take notes of the issue IDs of the duplicate issues.  
  
**3.** Assess the suggestions given by SPRINT by comparing them to the following issue reports: **[ #5, #12 ]**, which are supposed to describe the same or a similar problem to the issue you submitted (issue report 2) -- feel free to open and read these reports to validate their similarity with issue report 2.

## **Severity Prediction**

**Issue Report 3:** Please read and understand the following issue:

The [OpenOffice](https://github.com/apache/openoffice)project received **Issue Report 3** which describes the following issue:

| **Issue Report 3**  **Issue Title:** Standard output in Output window is not flushed  **Issue Description:**  after Steps to reproduce: - create Fractal sample - set Output window as a console type - run the project Result: Application starts but a user is not informed about it as message "Calculating. Please wait...." does not appear in the Output window. It appears only when the program finishes. To make the message appear I need to insert "fflush(stdout);" after "printf("Calculating. Please wait....");" |
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After triaging the issue, the OpenOffice developers marked it as a **"Blocker"** issue, indicating the issue is extremely severe and needs to be solved immediately.

After reading and understanding the issue, please complete the following instructions.

**1.** Create the issue on **Repository-1 (**[SPRINT\_user\_study\_repository\_1](https://github.com/adnan23062000/SPRINT_user_study_repository_1)**)** by performing the steps:

**(a)** Go to the repository

**(b)** Click on issues

**(c)** Click on ‘New issue’

**(d)** Copy and paste the content in the title section

**(e)** Click ‘Submit new issue’

**2.** Observe SPRINT’s suggestions (i.e., trivial, major, minor, etc.) for the Issue Severity Prediction feature. To get a better idea, all the severity levels are described below:

**Trivial:** Minor visual defects or typos with no functional impact.

**Minor:** Small issues causing minimal inconvenience.

**Major:** Significant functional problems affecting usability but not critical.

**Critical:** Severe issues causing crashes, data loss, or major disruptions.

**Blocker:** Complete failure halting progress; must fix immediately.

**3.** Assess the suggestions compared to similar issue reports determined by developers. The severity level of the issue should be **"Blocker"**.

**Issue Report 4:** Please read and understand the following issue:

The [OpenOffice](https://github.com/apache/openoffice) project received **Issue Report 4** that describes the following issue:

| **Issue Report 4**  **Issue Title:** [indentation]Auto comment doesn't correctly align comments The auto comment doesn't correctly align the comments added.  **Issue Description:**  If I have a method that is indented, the auto comment should add the comment for the method in line with the method - not at the start of the line. Example I have public class MyClass extends Object { public MyClass( int i ) { } } If I use auto comment to add a comment it will do this public class MyClass extends Object { /\*\* My class comment \* @param i \*/ public MyClass( int i ) { } } shouldn't it be public class MyClass extends Object { /\*\* My class comment \* @param i \*/ public MyClass( int i ) { } } |
| --- |

After triaging the issue, the OpenOffice developers marked it as **Minor,** indicating that it is not that severe and does not require an immediate fix. After reading and understanding the issue, please complete the following instructions.

**1.** Create the issue on **Repository-1 (**[SPRINT\_user\_study\_repository\_1](https://github.com/adnan23062000/SPRINT_user_study_repository_1)**)** by performing the steps:

**(a)** Go to the repository

**(b)** Click on issues

**(c)** Click on ‘New issue’

**(d)** Copy and paste the content in the title section

**(e)** Click ‘Submit new issue’

**2.** Observe SPRINT’s suggestions (i.e., trivial, major, minor, etc.) for the Issue Severity Prediction feature. To get a better idea, all the severity levels are described below:

**Trivial:** Minor visual defects or typos with no functional impact.

**Minor:** Small issues causing minimal inconvenience.

**Major:** Significant functional problems affecting usability but not critical.

**Critical:** Severe issues causing crashes, data loss, or major disruptions.

**Blocker:** Complete failure halting progress; must fix immediately.

**3.** Assess the suggestions compared to similar issue reports determined by developers. The severity level of the issue should be **"Minor"**.

**Bug Localization**

**Issue Report 5:** Please read and understand the following issue:

The [wso2 testgrid](http://github.com/wso2/testgrid) project received **Issue Report 5** which describes the following issue:

| **Issue Report 5**  **Issue Title:** Deployment.json is not parsed properly  **Issue Description:**  Deployment.json created by deploy,sh should be parsed in the format of tomcat host to be able to pass the correct values to replace in the jmeter scripts.  Suggested Labels:Type/Bug  Suggested Assignees: AsmaJ |
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The wso2 testgrid developers determined that **source code files:**

**(1) DeploymentValidator.java**

**(2) ShellScriptProvider.java**

needed to be modified to fix the bug. In other words, they are the buggy code files.

After reading and understanding the issue, please complete the following instructions.

**1.** Create the issue on **Repository-2 (**[SPRINT\_User\_Study\_Repo2](https://github.com/adnan23062000/SPRINT_User_Study_Repo2)**)** by performing the steps:

**(a)** Go to the repository

**(b)** Click on issues

**(c)** Click on ‘New issue’

**(d)** Copy and paste the title and description

**(e)** Click ‘Submit new issue’

**2.** Observe SPRINT’s suggestions for buggy code files the Bug Localization feature. Feel free to take notes of the suggested code files' names.

**3.** Assess the suggestions compared to the buggy code files determined by developers (see above). Check if the buggy code files appear in the suggestions given by the tool and whether they appear as close to the top of the suggestion list.

**Issue Report 6:** Please read and understand the following issue:

The [wso2 testgrid](http://github.com/wso2/testgrid) project received **Issue Report 6** which describes the following issue:

| **Issue Report 6**  **Issue Title:** Scenario tests execution hangs  **Issue Description:**  Scenario test execution hangs just after the server startup.  **Affected Product Version:** 0.9.0-m18  **OS, DB, other environment details and versions:** N/A  **Steps to reproduce:**  - Generate test plans  - Execute one test-plan |
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The wso2 testgrid developers determined that **source code files:**

**(1) AWSProvider.java**

**(2) ShellDeployer.java**

**(3) HelmDeployer.java**

needed to be modified to fix the bug. In other words, they are the buggy code files**.**

After reading and understanding the issue, please complete the following instructions.

**1.** Create the issue on **Repository-2 (**[SPRINT\_User\_Study\_Repo2](https://github.com/adnan23062000/SPRINT_User_Study_Repo2)**)** by performing the steps:

**(a)** Go to the repository

**(b)** Click on issues

**(c)** Click on ‘New issue’

**(d)** Copy and paste the title and description

**(e)** Click ‘Submit new issue’

2. Observe SPRINT’s suggestions for buggy code files the Bug Localization feature. You can take notes of the suggested code files' names.

3. Assess the suggestions compared to the buggy code files determined by developers (see above). Check if the buggy code files appear in the suggestions given by the tool and whether they appear as close to the top of the suggestion list.