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Revision

Revision	Date & Author	ChangeLog
V1.0	2024/12/10, Richard	Initial version

Introduction

ACE_China_SoC_verification_Support([ACSVS](#)) is a jira project used to record/tracking all the tickets raised for Soc verification team. This document brief introduced how to raise a ticket to verification team.

Rules

To unify manage all the tickets, reporter should follow below rule. You can contact the project administrator to add rules if below rules doesn't meet your requirement.

Admin: Angela Liang/Damon Gong/Michael Xu/Bill Cui/Richard Xiong

1. Labels is used to indicate different verification teams

Labels: SUZHOU, SHANGHAI, TEDA

2. Component/s is used to identify reporter form different teams

Component : ROM/SE/VALIDATION/DIP/MSIP/SOC/EMULATION/SW

3. Affects version is used to classify different products

Affects version : i.mxRT1180, i.mxRT700, MCXA10, MCXA18, MCXA20, MCXA20-256, MCXA2TX, i.mx95, i.mx952, i.mx93, i.mx943

Rules for ticket content

Title

Ticket title should be easy to get what the issue is, the example title content:

[Platform]Module: <Bug Summary> possibility

1) Platform: MX6DQ_SD, MX6DL_SD, etc

2) Module: DMA, UART, etc

3) Bug Summary: The info should be simple and describe the bug as clearly as we can;

4) Possibility: The frequency of the issue occurs.

Eg: [imx.RT700]DMA2 tcd_mem wlpd is not connect, will cause access TCD register failed. 100%

Description

- 1) BUG DETAIL DESCRIPTION:

Describe this bug clearly, and you can also add partial log.

- 2) REPRODUCE STEPS:

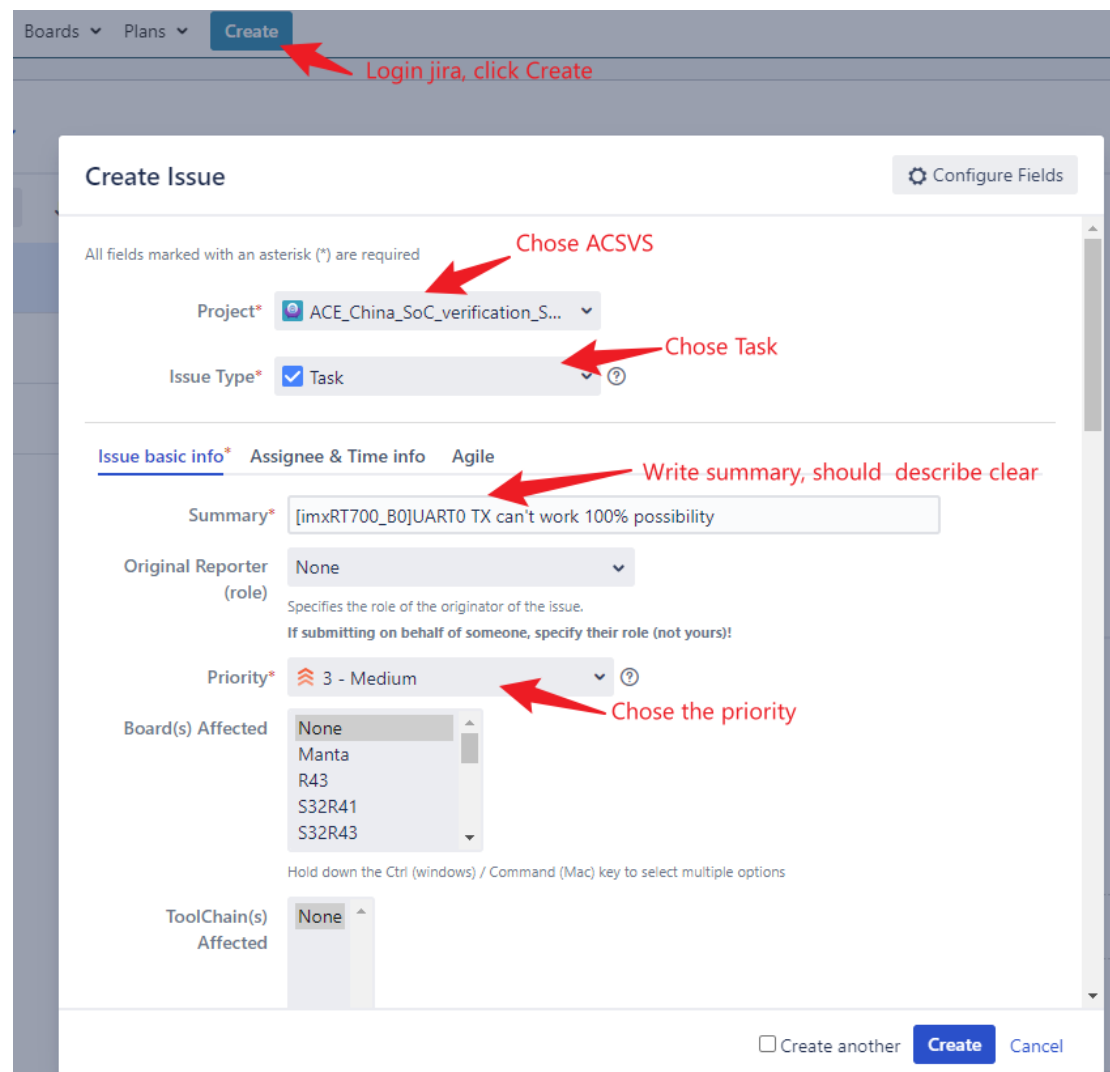
- 1.
- 2.
- ...
- Describe the steps to reproduce this bug.
Please include all necessary conditions, such as test environment, testbench version
- 3) EXPECTED RESULTS:
Normal test results or expected case results
- 4) POSSIBILITY: %

Ticket operation

Create a ticket

<https://jira.sw.nxp.com/projects/ACSVS>

1. Login Jira, Click Create



The screenshot shows the 'Create Issue' form in Jira. Red arrows point to specific fields with annotations:

- An arrow points to the 'Create' button in the top navigation bar with the text 'Login jira, click Create'.
- An arrow points to the 'Project' dropdown menu, which is set to 'ACE_China_SoC_verification_S...', with the text 'Chose ACSVS'.
- An arrow points to the 'Issue Type' dropdown menu, which is set to 'Task', with the text 'Chose Task'.
- An arrow points to the 'Summary' text field, which contains '[imxRT700_B0]UART0 TX can't work 100% possibility', with the text 'Write summary, should describe clear'.
- An arrow points to the 'Priority' dropdown menu, which is set to '3 - Medium', with the text 'Chose the priority'.

The form includes the following fields and options:

- Project***: ACE_China_SoC_verification_S...
- Issue Type***: Task
- Issue basic info***: Tab selected.
- Summary***: [imxRT700_B0]UART0 TX can't work 100% possibility
- Original Reporter (role)**: None
- Priority***: 3 - Medium
- Board(s) Affected**: None, Manta, R43, S32R41, S32R43
- ToolChain(s) Affected**: None
- Buttons**: Create another, Create, Cancel

2. Reporter should chose the correct team in [Component](#) and correct product in [Affects Version](#)

Create Issue

Configure Fields

Hold down the Ctrl (windows) / Command (Mac) key to select multiple options

ToolChain(s) Affected None

Component/s EMULATION

Start typing to get a list of possible matches or press down to select.
Please select system component (if the component lead is assigned to component then he'll be assigned to the ticket and notified).
This is multi select field, so you can select more options!

Affects Version/s i.mxRT700

Start typing to get a list of possible matches or press down to select.
Where you found the problem?
During the analysis the Affects Versions field could be updated to include all versions which contains this issue.
For bug issue type the Affects Versions means what versions are contaminated by this bug.

Reported Build ID

Fix Version/s

Start typing to get a list of possible matches or press down to select.
Fix versions is for planning, tracking and monitoring progress.
When issue is Open without set Fix Version -> it is not planned for any version yet.
When issue is Open with Fix Version set to Version1 -> it is planned to Version1 but work was not started yet. When issue is Resolved with Fixed Version set to Version2 -> issue was implemented to Version2.

Customer(s)

☐ Create another Create Cancel

3. Reporter should assign to the correct verification [team](#), describe the issues in detail.
You can refer to [the rule of description](#)

Create Issue

Configure Fields

VisualText

Please provide additional information about configuration like board revision, jumper settings, debugger used, targets, etc. (beside board used and tool chain provided as separated field)

Description*

StyleBBIUA^o

Describe the issue in detail

VisualText

Describe the task or problem. In case of bug, provide:

- what is system behaviour
- what is expected behaviour
- steps to reproduce problem

Attachment

Drop files to attach, or browse.

Labels

SUZHOU x

Chose the verification site you want to reporte

SUZHOU/SHANGHAI/TEDA

Begin typing to find and create labels or press down to select a suggested label.

☐ Create another

Create

Cancel

4. Assign ticket to verification owner and add reviewer

Create Issue

[Configure Fields](#)


All fields marked with an asterisk (*) are required

Project*  ACE_China_SoC_verification_S... ▼


Issue Type* ☒ Task ▼ ⓘ

Issue basic info* **Assignee & Time info** Agile

Assignee ⓘ Automatic ▼
[Assign to me](#)  Assign the ticket to verification owner

Reviewer assigned ▼ 

Either the review or peer review is performed in Crucible or not. You can specify person responsible for review. If the Reviewer is assigned and Crucible review does not exist yet - please do not forget to add him to Crucible review once created.

Tester Assigned ▼ 

Original Estimate (eg. 3w 4d 12h) ⓘ

The original estimate of how much work is involved in resolving this issue.

Remaining Estimate (eg. 3w 4d 12h) ⓘ

An estimate of how much work remains until this issue will be resolved.

Story Points

Measurement of complexity and/or size of a requirement.


☐ Create another **Create** Cancel

5. Create ticket

Create Issue

[Configure Fields](#)

All fields marked with an asterisk (*) are required

Project*  ACE_China_SoC_verification_S... ▾

Issue Type* ☒ Task ▾ ⓘ

Issue basic info* Assignee & Time info Agile


Summary* [imxRT700_B0]UART0 TX can't work 100% possibility

Original Reporter ▾

(role)

Specifies the role of the originator of the issue.

If submitting on behalf of someone, specify their role (not yours)!

Priority*  3 - Medium ▾ ⓘ

Board(s) Affected ▾
Manta
R43
S32R41
S32R43

Hold down the Ctrl (windows) / Command (Mac) key to select multiple options

ToolChain(s) ▾
Affected

Click to create an issue

☐ Create another [Create](#) [Cancel](#)

Edit a ticket

You can edit the ticket if something is wrong for a ticket

ACE_China_SoC_verification_Support / ACSVS-4

[imxRT700_B0]UART0 TX can't work 100% possibility

Edit Add comment Assign

Click edit to change the items you want to modify

All fields marked with an asterisk (*) are required

Issue basic info Assignee & Time info Agile Analysis Resolution Test CQ

Summary* [imxRT700_B0]UART0 TX can't work 100% possibility

Issue Type* Task

Original Reporter (role) None

Specifies the role of the originator of the issue.
For customer reported issues use "Customer external / Customer support"

Priority 3 - Medium

Board(s) Affected None

Manta
R43
S32R41
S32R43

Hold down the Ctrl (windows) / Command (Mac) key to select multiple options

ToolChain(s) Affected None

Hold down the Ctrl (windows) / Command (Mac) key to select multiple options

Component/s test2

Update Cancel

Set ticket status

You can set the ticket status as review/blocked/closed etc for different period

Don't forget to close the ticket when it was solved

ACE_China_SoC_verification_Support / ACSVS-4

[imxRT700_B0]UART0 TX can't work 100% possibility

Edit Add comment Assign More Open

Click to review the work flow
Change the status as you want

Start Progress → IN PROGRESS

Resolve Issue → RESOLVED

To CCB → CCB

Start Analysis → ANALYSIS

View workflow

Details

Type: Task

Priority: 3 - Medium

Affects Version/s: None

Component/s: test2

Labels: None

Accepted (Y/N): NO

Filter ticket

You can filter all the tickets for SUZHOU/SHANGHAI/TEDA

Also can filter all the tickets for specific product.

