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Americas' SAP Users' Group

Automatic Quality Code check in
S/4 HANA
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Arghadip Kar, SAP S/4 HANA Solution Architect, NRG
Session ID # ASUG82958

About the Speakers

Tamas Praczko

Sr. Application Manager - NRG

Over 24 years of experience with architecting and delivering SAP solution across multiple industries.

Arghadip Kar

Sr. ABAP Developer - NRG

Over 14 years of SAP Development. Workflow Wizard

Professional Skills

SAP - Architecture

Project Management

Hair loss

Professional Skills

SAP Development

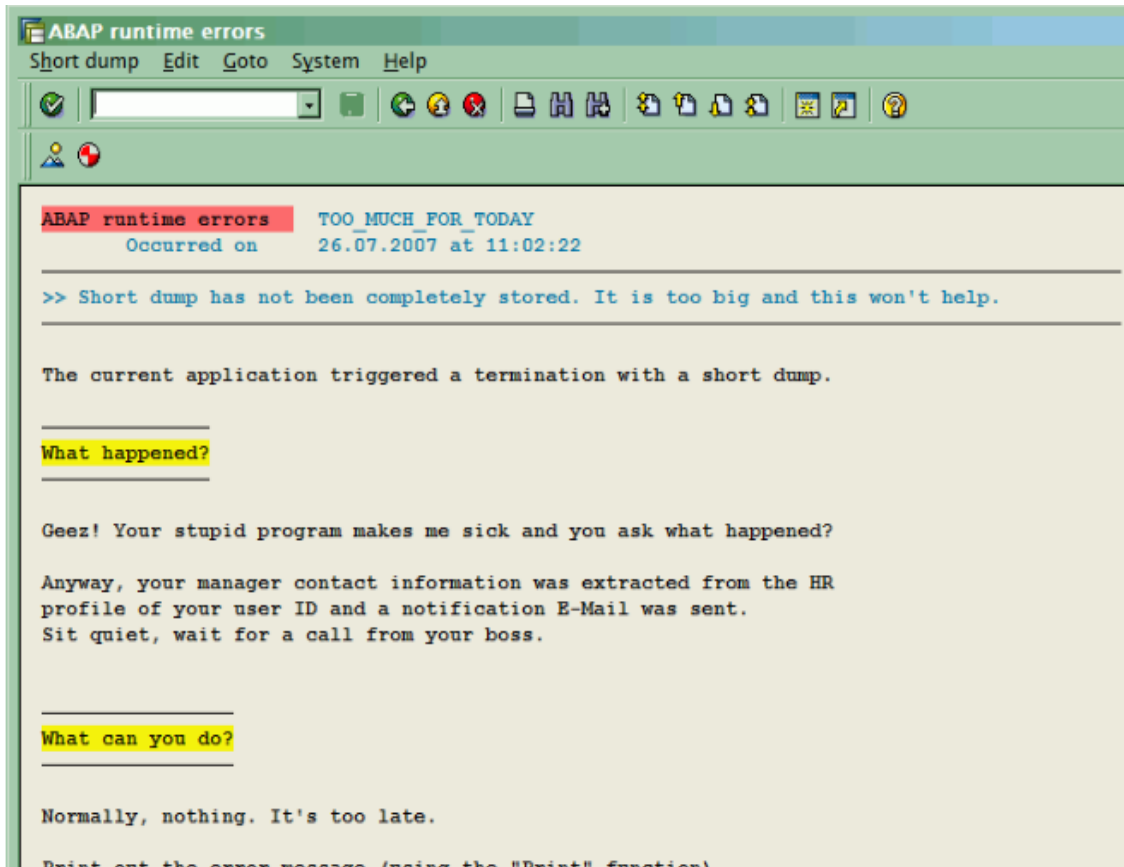S/4 HANA - Architecture

Making Trouble

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Key Outcomes/Objectives

1. Drawbacks of not doing Quality Check in Coding.

2. Time spent in fixing Quality Issues

3. What Auto QA Check does for you?

Drawbacks of not doing Quality Check in Coding

- Performance issue

Drawbacks of not doing Quality Check in Coding
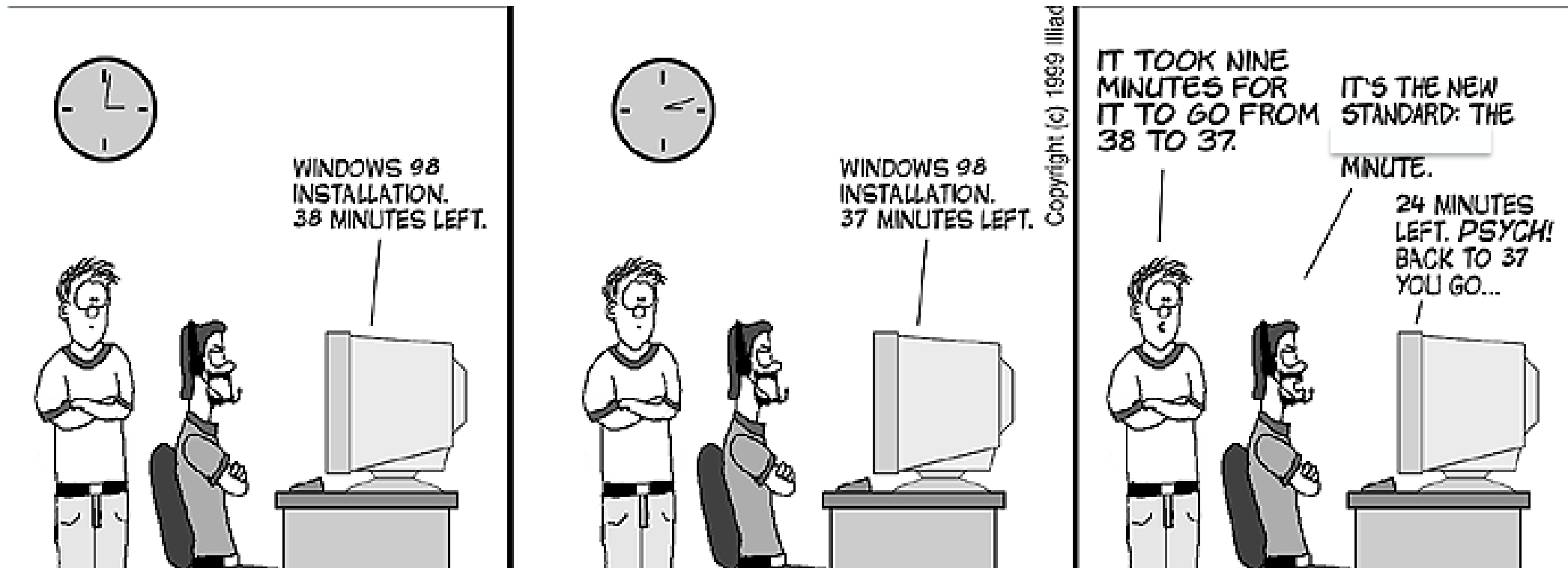
- Testing Issue

Drawbacks of not doing Quality Check in Coding

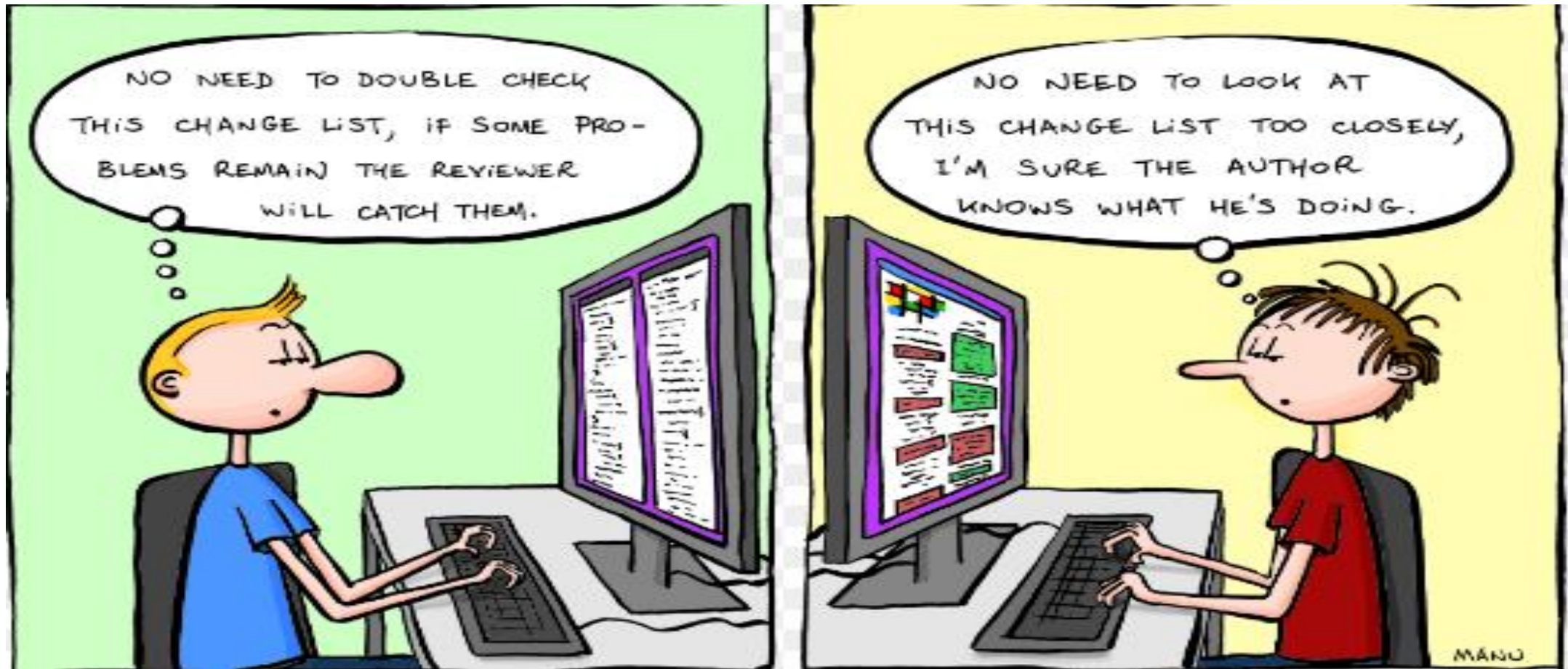- De-scope or Re-scope of work

Drawbacks of not doing Quality Check in Coding

- Get the blame from others fault.
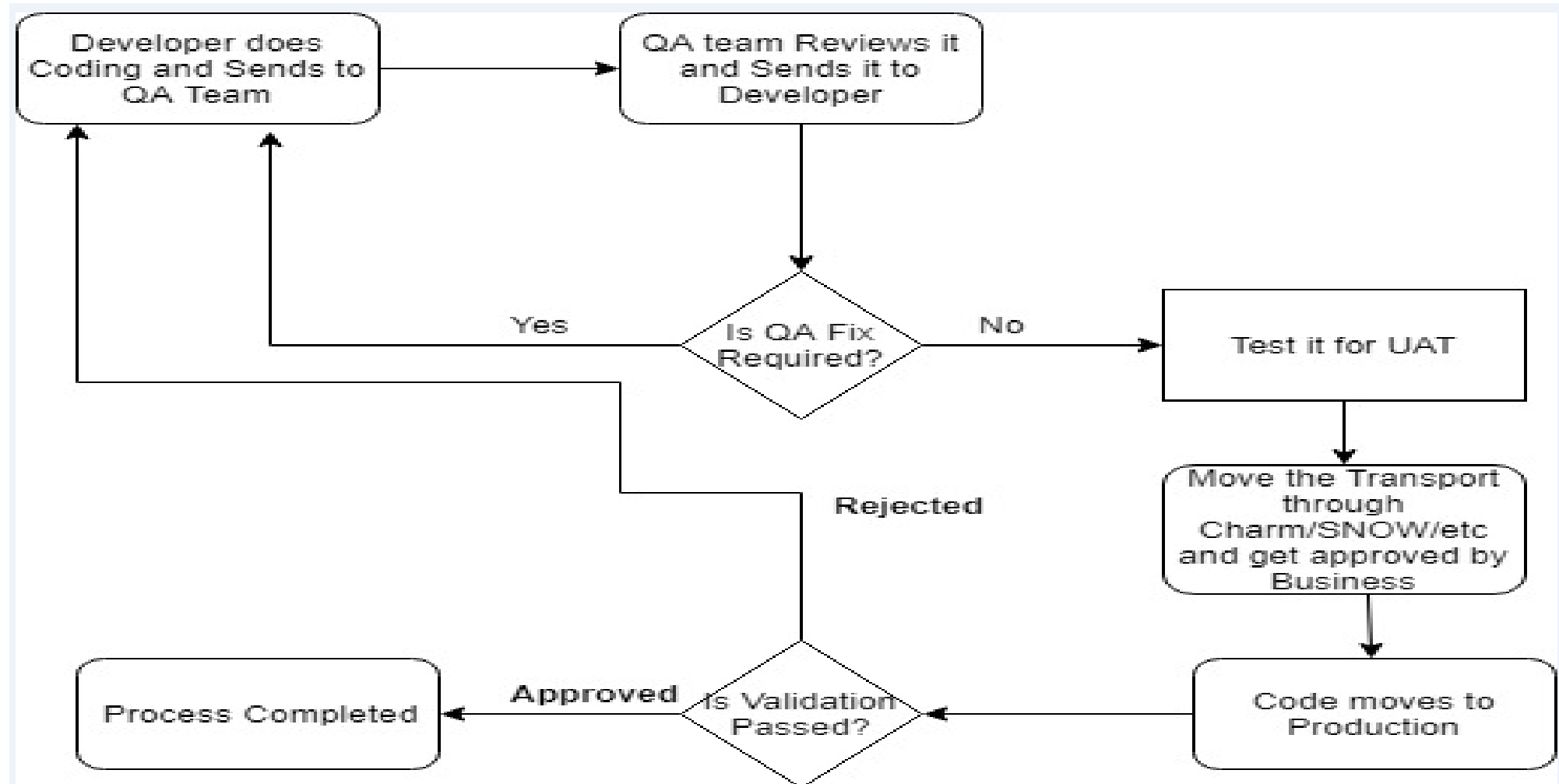
Process of Fixing Quality Checks No Way
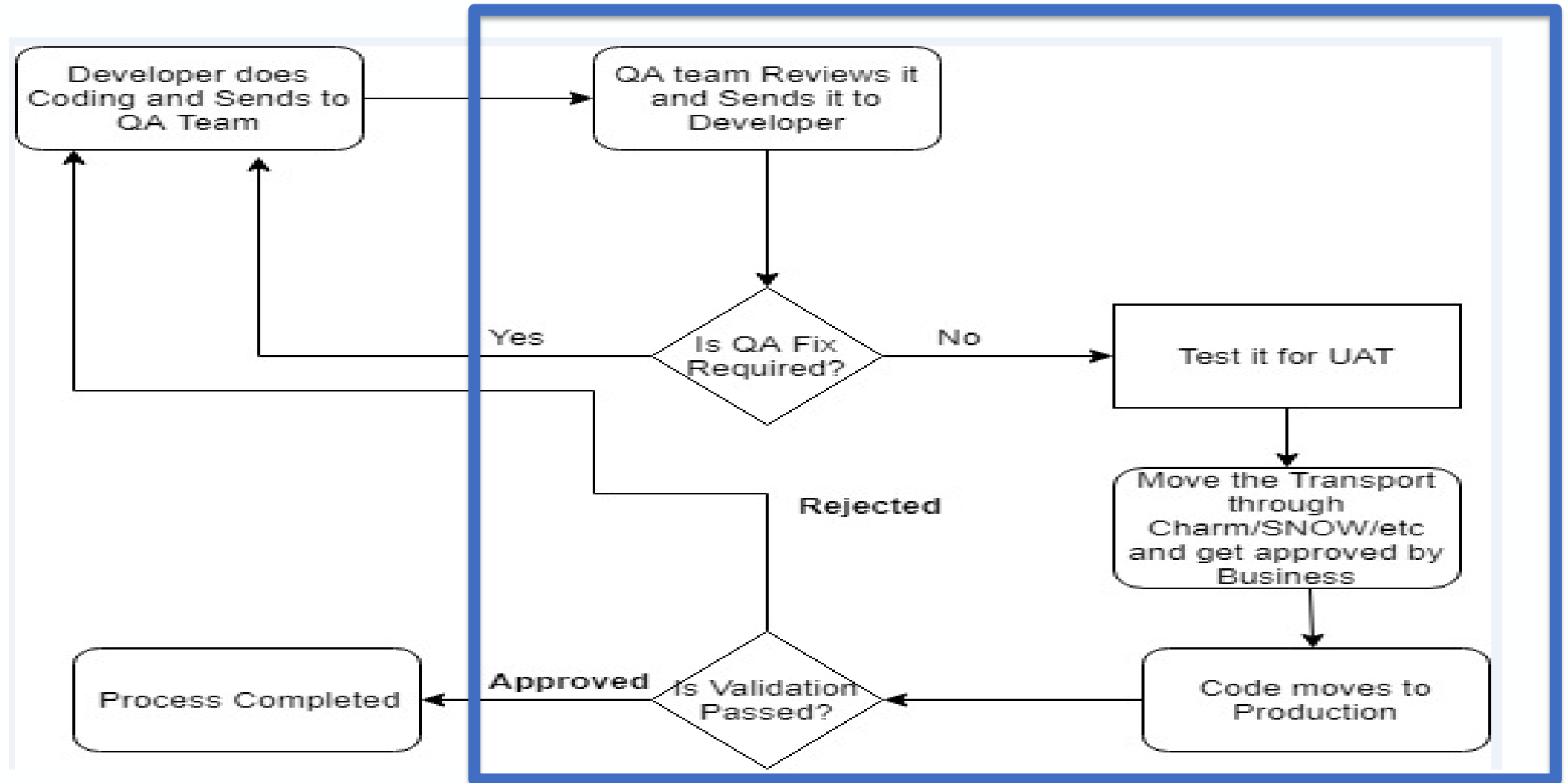
Process of Fixing Quality Checks HighWay

Process of Fixing Quality Checks Smart Way

Process before Automation

Process after Automation

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Process of Fixing Quality Checks Optimal Way

- Automate QA Review points while Developers are coding.

- Reduce Ping Pong between QA Team, Testing Team and Developers.

- Prevent a low Quality Code moving to Production.

- Automate Naming Convention and Development guidelines accordingly.

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How to do it?

- Create an Implementation in this BADI and enforce your Rules/Restriction so that it does not happen again.
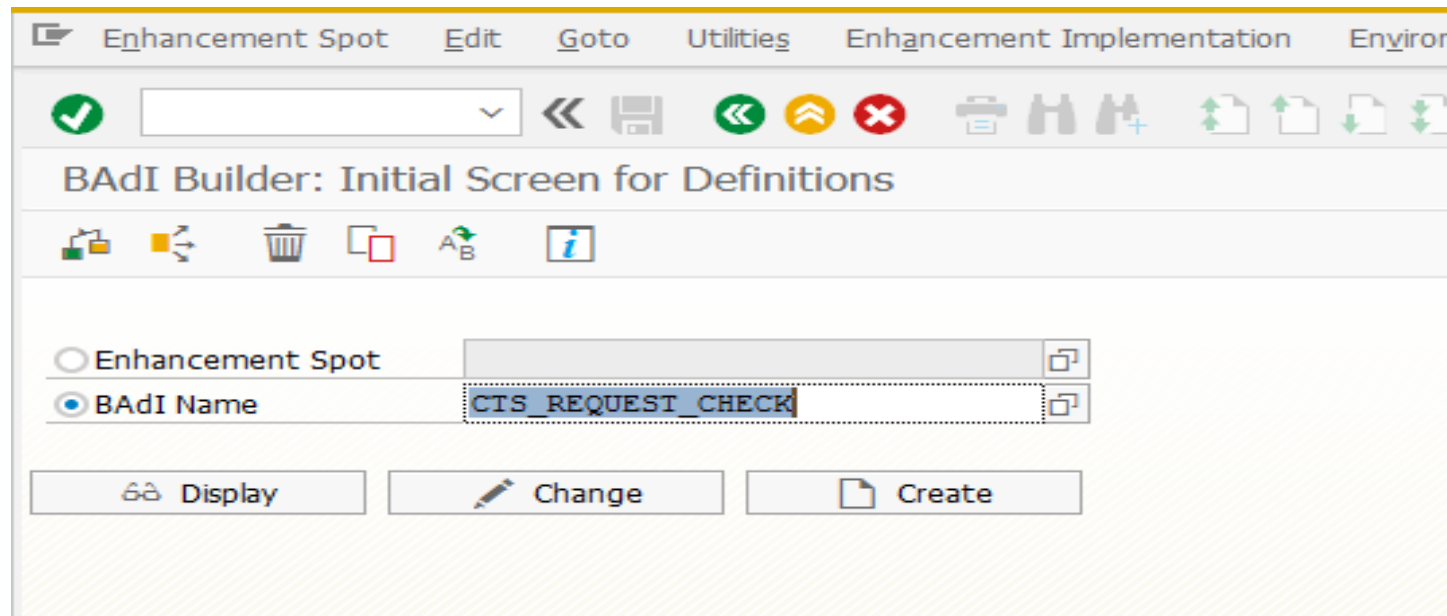
How to do it?

- Sample Table having issue of field not be initial

How to do it?

- Sample Table having issue of Data class not equal USER
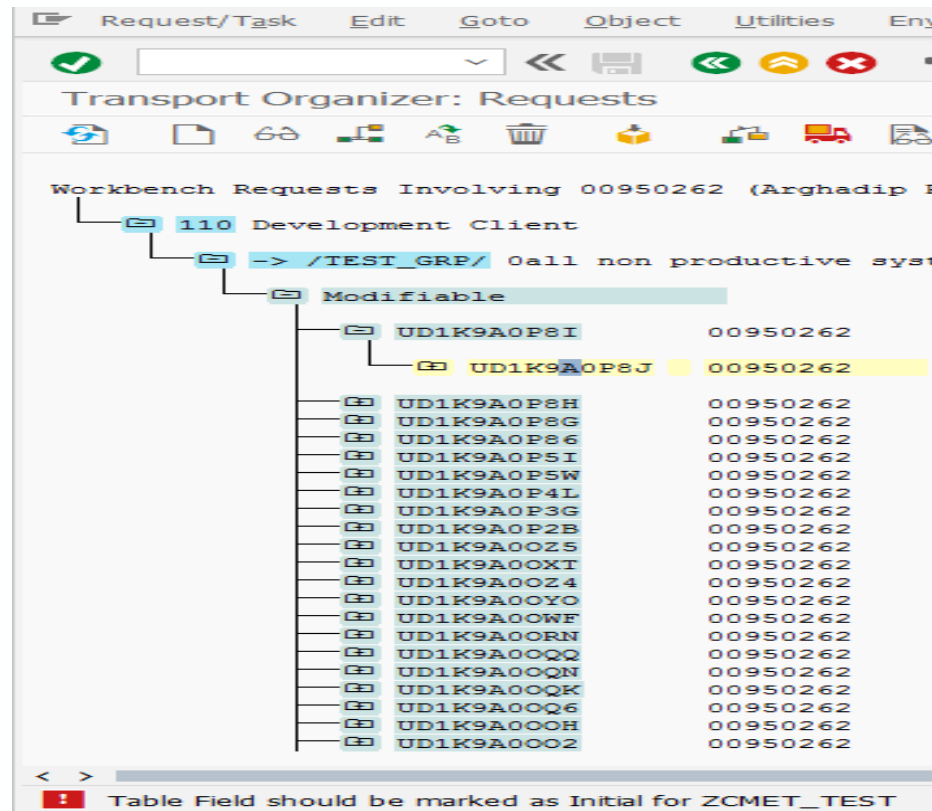
How to do it?

- When we transport it we get below error message.

How to do it?

- When we transport it we get below error message.

How the Automation helped?

- Enforced our QA Review automatically.
- Enforced Transport Dependency checks are done.
- Enforced our Development Standards maintained
- Enforced our Naming Convention was maintained.

Lessons Learned

- Everything is possible if you think there should be a way out.

- For sure make filters only to include custom objects which have Namespace(Z* or Y*)

- Pilot this process with a Single User ideally the Developer who is building it.

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Presentation Materials

Access the slides from 2019 ASUG Annual Conference here:
http://info.asug.com/2019-ac-slides

Q&A

For questions after this session, contact us at [email] and [email].

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