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by Microsoft Designer AI

Agentic ABAP AI should be off stack?



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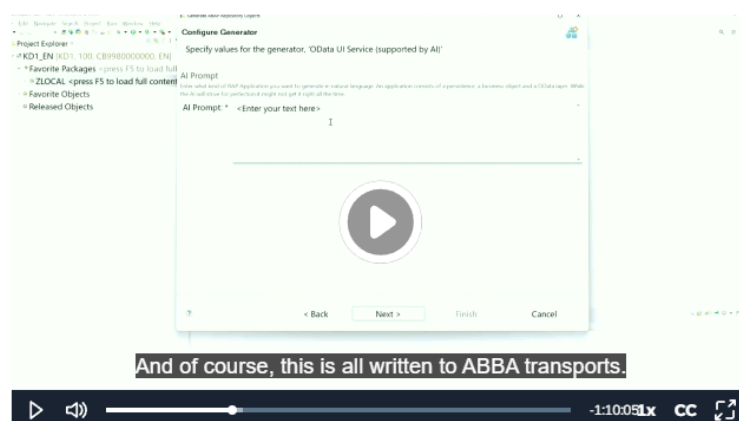
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Back in the [SAP TechEd 2023 Executive Keynote](#), SAP demonstrated the ability to have an AI generate objects and "*and of course, this is all written to ABAP transports*".

And I was like, nah, then we need the AI also to delete and cleanup transports in case the draft is not needed. And we all know it can sometimes be really difficult to cleanup the ABAP system after creating a lot of objects.

SAP TechEd 2023 Executive Keynote

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The next step in the direction set forth by SAP is creating [MCP servers](#) to make it possible for the AI to do anything a developer can do. Delete and create transports, change database content etc. Then developers would kick off their tasks and let the AI do its thing on the development system.

ABAP does not have branching inside a SAP system, so developers can step on each others toes. Kicking off AI's can potentially lead to a lot of mess battling over object locks, changing database contents. MCP actions can require approvals, but then whats the point, if I have to approve most of the things the AI does?

Trouble in paradise

AI will try to do the thing its asked to do, which sometimes gives problems. Human developers can and will also try to do the tasks, sometimes messing with transports, changing database contents, jumping in the debugger.

I'm afraid that AI tasks can do damage to the central development system which is difficult to clean up.

Essentially Claude deleted my whole repository and in addition deleted all files on my mac's desktop.

https://www.reddit.com/r/ClaudeAI/comments/1m21go1/claude_deleted_my_whole_repository/

This is why I don't use an AI browser You can literally get prompt injected and your bank account drained by doomscrolling on reddit

https://x.com/zack_overflow/status/1959308058200551721

The Solution

AI should do the initial work in a sandboxed/isolated environment, when the AI is done it triggers the normal quality assurance flow, e.g. triggering unit tests and peer review.

That way, it can try out any solution good or bad without impacting the central development system.

This is exactly how GitHub Copilot works, click links to see it in action

1: [Assign a task](#)

2: It spins [up an environment to do its thing](#)

3: And marks the [corresponding pull request as ready for review](#)

Happy AI, Happy Humans 🤖😊



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