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Plan Overview & Interaction

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Krister Kittelson (<https://autocare.communifire.com/people/krister-kittelson>)



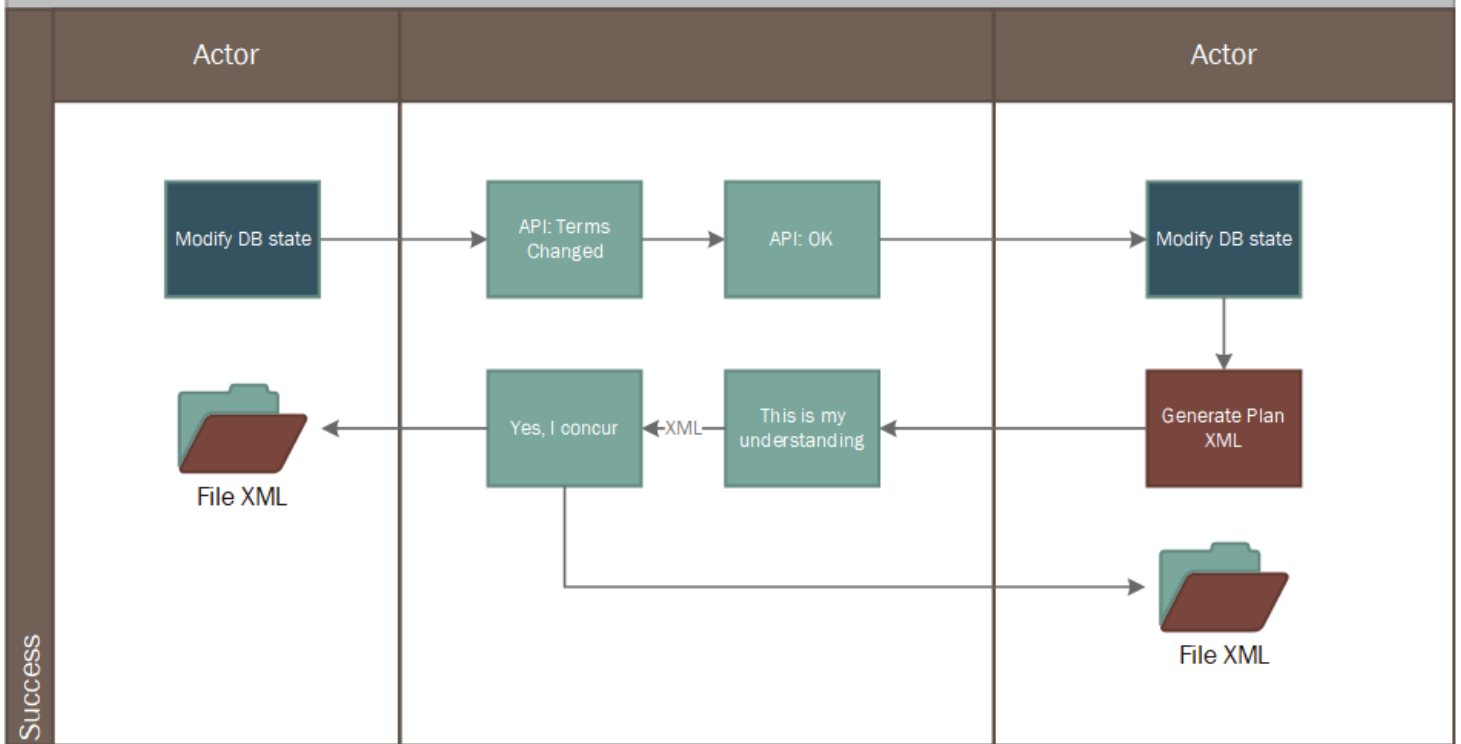
9/3/2020

On our call last week I showed a few diagrams I made to help visualize the plan's role in an interaction.

The plan itself is an export, representing the Sandpiper implementation's understanding of its current agreement with an actor. By capturing the state of these agreements, they can be analyzed over time as well as compared between partners to confirm a shared understanding.

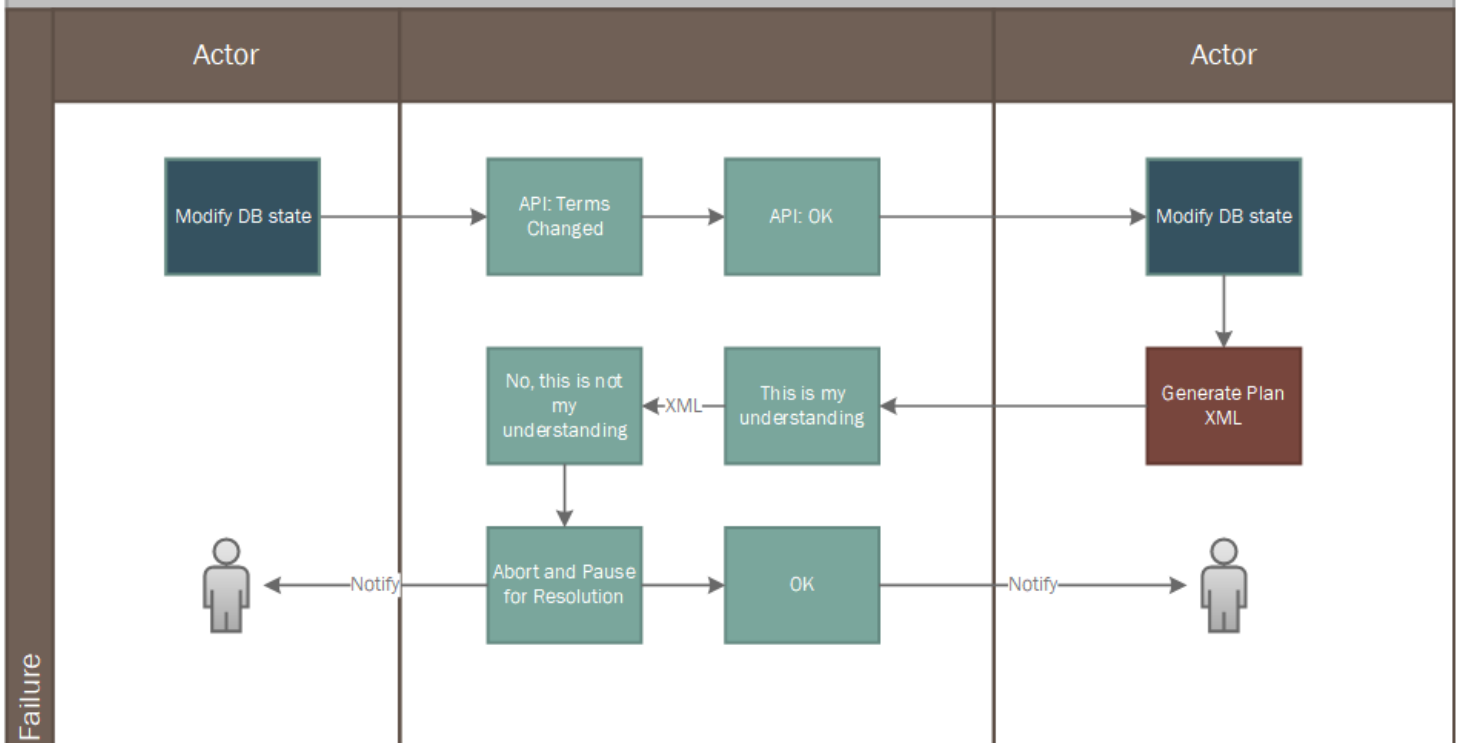
A successful plan-altering interaction might look like this:

Agreement Modification



An unsuccessful plan-modifying interaction might look like this:

Agreement Modification



In future versions, the plan XML itself could be digitally signed by both parties using public keys like GPG. But to start with, we have an interaction API to design to facilitate the basic process...

Also, we had some discussion about who is really going to be allowed to modify the plan. Generally the primary actor would be the one who'd be telling the other what would be available, which part types, organization, etc.. And the secondary actor would be the one who'd be telling the other what they'd like to receive, and how. But what about if the primary actor wants to cancel a subscription? Or if the secondary actor wants to add metadata to a slice?

Those questions are interesting. I think we might want to just say that the primary is the only one that can alter the pool, both can change the subscriptions, and both can update the metadata tied to themselves (contact info etc.).

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Page 1 of 1 (1 items)

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