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# OPENPASS ARCHITECTURE COMMITTEE MEETING

04.12.2019



# AGENDA

8:00	8:15	Get together & Welcome	
8:15	8:30	Status on pull request for scenario based simulation and GUI topics	BMW, VW, Daimler
8:30	10:30	Config Session (live demo of config options and GUI functionality, dynamic and static agent configuration)	BMW, VW
10:30	10:45	Visualization and editing of the systemConfigBlueprint in System Editor	BMW, VW
10:45	11:30	Process of creating agents from systemConfigBlueprint & Discussion	BMW
11:30	11:45	Status of ModularDriver	Daimler
11:45	12:45	Lunch	
12:45	13:00	Wiki for documentation	BMW
13:00	13:15	Discussion: Contributors vs. Committers	TÜV Süd
13:15	13:45	Concept for logging metadata	BMW
13:45	14:15	Epic refinement (follow-up from SC)	All
14:15	14:45	Interface discussions (duplications, missing functionality, extensions)	All
14:45	15:00	Sum up	



Status on pull request for scenario based simulation and GUI topics

# STATUS ON PULL REQUEST FOR SCENARIO BASED SIMULATION AND GUI TOPICS

Szenario-basierte Simulation - <https://git.eclipse.org/r/#/c/153574/-1..1> (BMW):

- Submitted Nov 29th 2019 by Reinhard Biegel (intech GmbH)
- Contains bugfixes, improved localizer, unit tests, experiment with system config

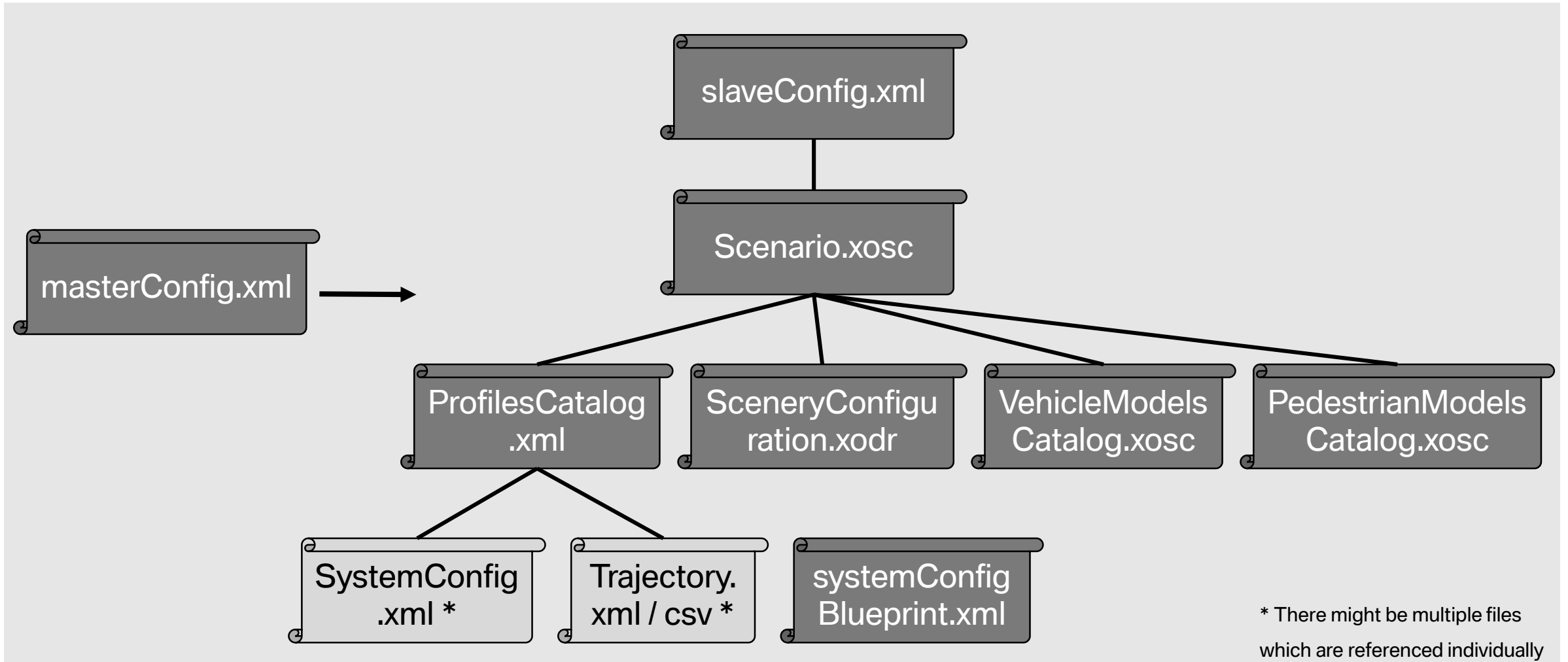
GUI (VW):

Results Plugin (Daimler):



# Config Session

# CONFIG SESSION OVERVIEW



# CONFIG SESSION

- Live demo of config options and GUI functionality
- Dynamic and static agent configuration

Examples can be found in the repo under:

- `OpenPass_Source_Code/openPASS_Resource/OpenPass_OSI_UseCase/AEB/`
- `OpenPass_Source_Code/openPASS_Resource/OpenPass_OSI_UseCase/Static AgentProfiles/`





# Visualization and editing of the systemConfigBlueprint in System Editor

# VISUALIZATION AND EDITING OF THE SYSTEMCONFIGBLUEPRINT IN SYSTEM EDITOR

Discussed solution (GUI Requirement Refinement Meeting, 13.11.2019):

- Include title in systemConfigBlueprint
- ID will remain integer
- Comment in connections section for human readability (automatically created by GUI)
- Comment in Profiles Catalog for human readability (automatically created by GUI)

Feedback:

- AgentSampler uses hardcoded ID's → has to be changed
- CC takes module by name → has to be changed to ID
- BMW created metadata overview for all components, VW currently creates the xml-Files
- Status on automatically generating the comments?



Process of creating agents from  
systemConfigBlueprint & Discussion

# PROCESS OF CREATING AGENTS FROM SYSTEMCONFIGBLUEPRINT & DISCUSSION

→ Separate slides



# Status of ModularDriver

# STATUS OF MODULAR DRIVER

→ Daimler / TUD



Wiki for documentation

# WIKI FOR DOCUMENTATION

We currently have only meeting minutes for documentation. Where do we store information like:

- Commit process
- Branch concept
- Coding rules
- Naming conventions

Proposal: Create wiki pages for the corresponding information, similar to [https://wiki.eclipse.org/OpenPASS\\_planning](https://wiki.eclipse.org/OpenPASS_planning) (needs to be updated!)





# Discussion: Contributors vs. Committers

# DISCUSSION: CONTRIBUTORS VS. COMMITTERS

→ TÜV Süd



Concept for logging metadata

# CONCEPT FOR LOGGING METADATA

→ Separate slides



# Planning of epic refinement

# PLANNING OF EPIC REFINEMENT

Are there epics from yesterday, that we want to discuss now?



Interface discussions (duplications, missing functionality, extensions)

# INTERFACE DISCUSSIONS (DUPLICATIONS, MISSING FUNCTIONALITY, EXTENSIONS)

1. Is the basic functionality for the interfaces already available?  
(e.g. velocity vector (x/y/z) cannot be requested right now)
2. Some interface functions are currently not implemented (especially for the AgentInterface)

→ Can we come up with some basic set of functions which we want to have implemented by Release 1.0?

→ What is the process of extending interfaces?

Preliminary interface analysis by intech → see separate slides.





Thank you!