ABM Hermes Integration

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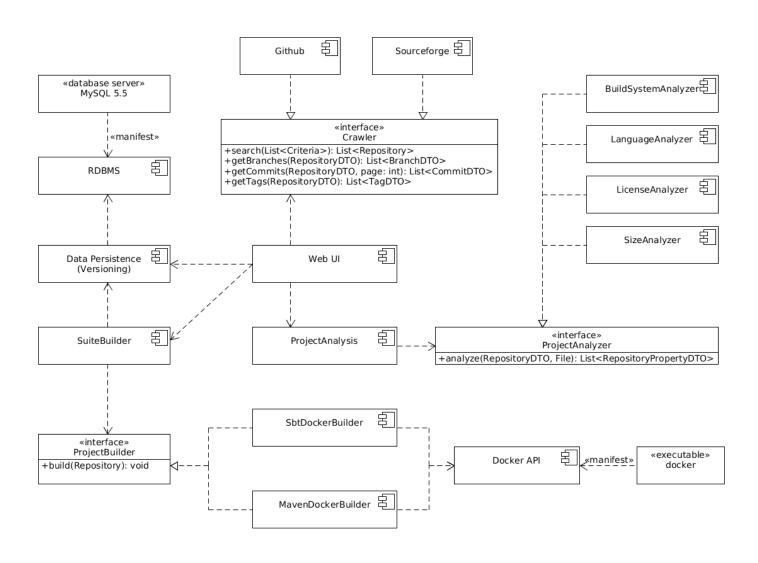
Back End

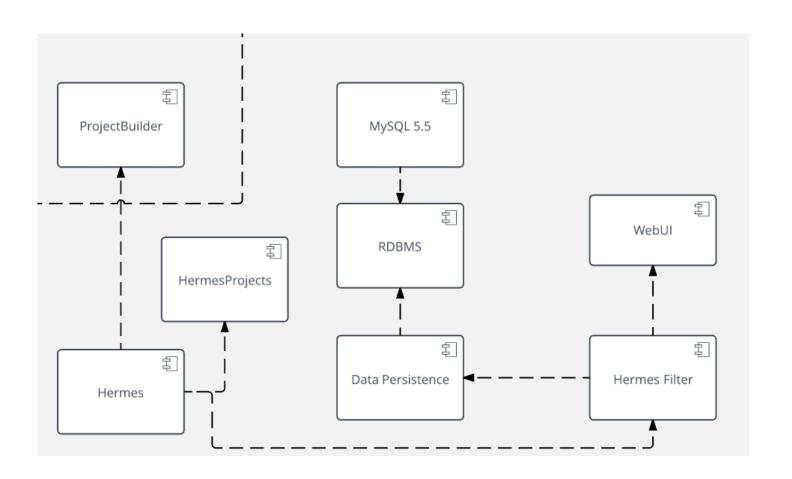Design and Status

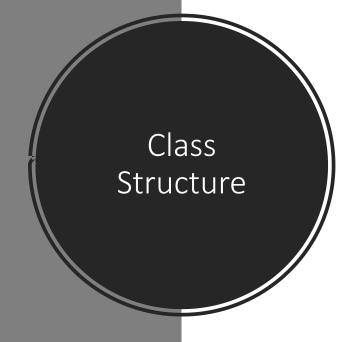Old Architecture

Updated Architecture

Class Structure
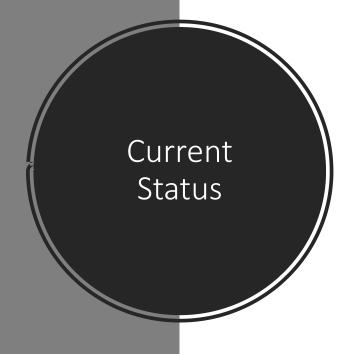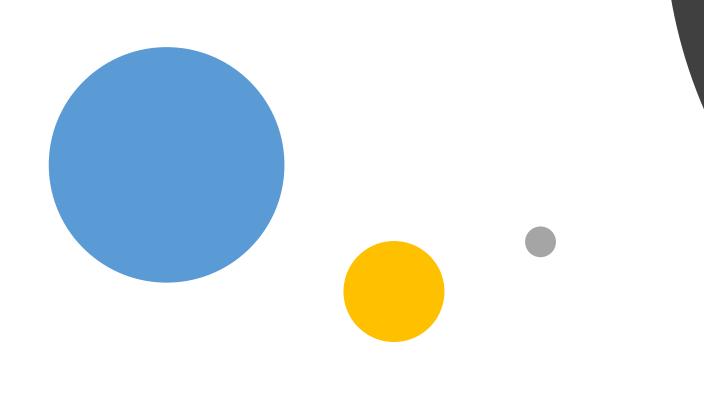
Component	Interface	Class	BackEnd Table
de.fraunhofer.abm.collection.dao.jpa		JpaHermesResult	hermes_result
		JpaHermesResultDao	
		JpaHermesStep	hermes_step
		JpaHermesStepDao	
		JpaHermesBuild	hermes_build
		JpaHermesBuildDao	
		JpaFilterStatus	
		JpaFilterStatusDao	
de.fraunhofer.abm.collection.dao	HermesResultDao		
	HermesBuildDao		
	HermesStepDao		
	FilterStatusDao		
de.fraunhofer.abm.domain		HermesResultDTO	
		HermesStepDTO	
		HermesBuildDTO	
		FilterStatusDTO	filter_status
		ProjectDTO	
		QueriesDTO	
de.fraunhofer.abm.builder.api	HermesProgressListener		
	HermesStep		
	HermesStepListener		
	HermesBuilder		
	HermesBuilderFactory		
de.fraunhofer.abm.hermes	Hermes	HermesImpl	
	HermesFilter	HermesFilterImpl	
	HermesProjects	HermesProjectsImpl	
		HermesProcess	
de.fraunhofer.abm.app.Controllers		CollectionController	
		HermesController	
de.fraunhofer.abm.app.websocket		HermesStatusSocket	

Tables

Hermes_Result	Hermes_step	Hermes_Build	Filter_Status
id	id	id	Id
date	idx	hermesResult_id	
dir	name		
error	status		Filtername
stackTrace	stderr		Activate
status	stdout		Versionid
versionId	hermesBuild_id		

Current Status

Sno	Tasks	Table Name/File	Class & Function	Status	
1	Save the details of filter name against version in table	filter_status	HermesController.PostFilterVersion	Done	
2	Get the filternames from table by version	filter_status	HermesController.getactiveFiltersByVersion	Done	
3	Start the Hermes Process for Version				
4	Make an entry of Hermes process for the version in table	hermes_result	HermesController.postHermesInstance	Done	
5	List of HermesInstances running By version	hermes_result	HermesController.getHermesInstance	Done	
6	List of running Hermes Instances by User	hermes_result	HermesController.getHermesInstances	Done	
7	Delete Hermes Instance	hermes_result	HermesController.deleteHermesInstance	Done	
8	On deletion of Collection , remove the entry of Hermes Instance if version is frozen	hermes_result	CollectionController.deleteCollection	Done	
9	On deletion of Collection , remove the activefilters entry for version if version is frozen	filter_status	CollectionController.deleteCollection	Done	
10	Get the list of Hermes Filters from File	application.conf	HermesController.getFilters	Done	
11	Get the MaxLocation Parameter	application.conf	HermesController.getMaxLocation	Done	
12	Get the FanInFanOut Parameters	application.conf	HermesController.getFIFO()	Done	
13	Update the Filters activation value	application.conf		Done	
14	Update the MaxLocation value	application.conf		Done	
15	Update the FanInFanOut values	application.conf		Done	
16	Delete the Older Hermes Instance details when New Hermes Instance Started on Version	hermes_result	HermesController.postHermesInstance	Done	
17	Update the Projects in the file	Hermes.json	HermesProjectsImpl.addProjects	Done	
18	Run Hermes through docker			Partially Implemented	Concurrency part is left

Thank you