

FAIR Data Austria Backend Work

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FAIR Data Austria
Work Package 2: FDM Tools

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Accomplishments since the last meeting

Backend




- #42 Backend Refactor: Entities and API DTOs
- #46 Experimental: Hibernate Runtime Mapping
- #52 Task: Prepare tests for Sprint 1: CRUD for DB/Table
- #58 Tables: Create via CSV (Backend)
- #61 Database: query (Backend)

Test Coverage with JaCoCo and Maven




fda-container-service-report

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
 services	<div><div></div></div>	91%	<div><div></div></div>	87%	2	28	14	167	0	20	0	2
 rest-service	<div><div></div></div>	81%	<div><div></div></div>	75%	4	17	14	62	3	15	0	2
Total	94 of 883	89%	3 of 20	85%	6	45	28	229	3	35	0	4

fda-database-service-report




Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
 services	<div><div></div></div>	97%	<div><div></div></div>	100%	0	17	4	92	0	12	0	2
 rest-service	<div><div></div></div>	94%		n/a	1	7	2	20	1	7	0	1
 gateway	<div><div></div></div>	100%		n/a	0	2	0	4	0	2	0	1
Total	14 of 428	96%	0 of 10	100%	1	26	6	116	1	21	0	4

fda-table-service-report



Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
 services	<div><div></div></div>	34%	<div><div></div></div>	31%	41	65	146	239	13	28	0	2
 rest-service	<div><div></div></div>	75%		n/a	2	9	4	23	2	9	0	1
 gateway		n/a		n/a	0	0	0	0	0	0	0	0
Total	743 of 1,191	37%	48 of 70	31%	43	74	150	262	15	37	0	3

Test Coverage (cont.)

fda-query-service-report

Element	Missed Instructions	Cov.	Missed Branches	Cov.	Missed	Cxty	Missed	Lines	Missed	Methods	Missed	Classes
 services	<div><div></div></div>	18%	<div><div></div></div>	30%	16	24	83	102	12	19	0	3
 rest-service	<div><div></div></div>	13%		n/a	4	5	15	19	4	5	0	1
 gateways		n/a		n/a	0	0	0	0	0	0	0	0
Total	362 of 438	17%	7 of 10	30%	20	29	98	121	16	24	0	4

Overall 107 Test Cases (23 Integration + 84 Unit)

 **GitLab** Projects Groups More 

F fda-services

Project overview

Details


Activity

Releases






Repository


FAIR Data Austria DB Repository > fda-services > Details


You pushed to **dev** at [FAIR Data Austria DB Repository / fda-services](#) 1 minute ago

F fda-services 

Project ID: 450

 212 Commits  18 Branches  0 Tags  2 GB Files  2 GB Storage

pipeline 

coverage  59.75%

Weise, Staudinger (TU Wien)

May 25, 2021

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Problems & Future

- Query generation is very bad (using Hibernate and implement next week, support multitude of prominent DB engines)
- Docker: Node problems (resolved after week)
- jSQL parser to check queries before executing them (more work than expected, pending)
- Testing the table and query service much more difficult (monolithic!)
- Features missing, effectiveness of testing limited

Master Branch

We should all merge the work to `dev` until end of the week, and merge the sprint progress to `master` on Friday 6pm