



Datavault **BUILDER**

WILLIBALD VIDEO

See the full creation video here:

<https://www.youtube.com/watch?v=jKxxnUV1TU8>

See the result presentation here:

<https://www.youtube.com/watch?v=wsg6bZxkqR4>

SWISS BASED GLOBAL RELEVANCE

Headquarters in Zurich

Customers and partners on 3 continents



More than 50 implementation partners

Contact us

Zurich Switzerland

+41 32 511 27 89

New York USA

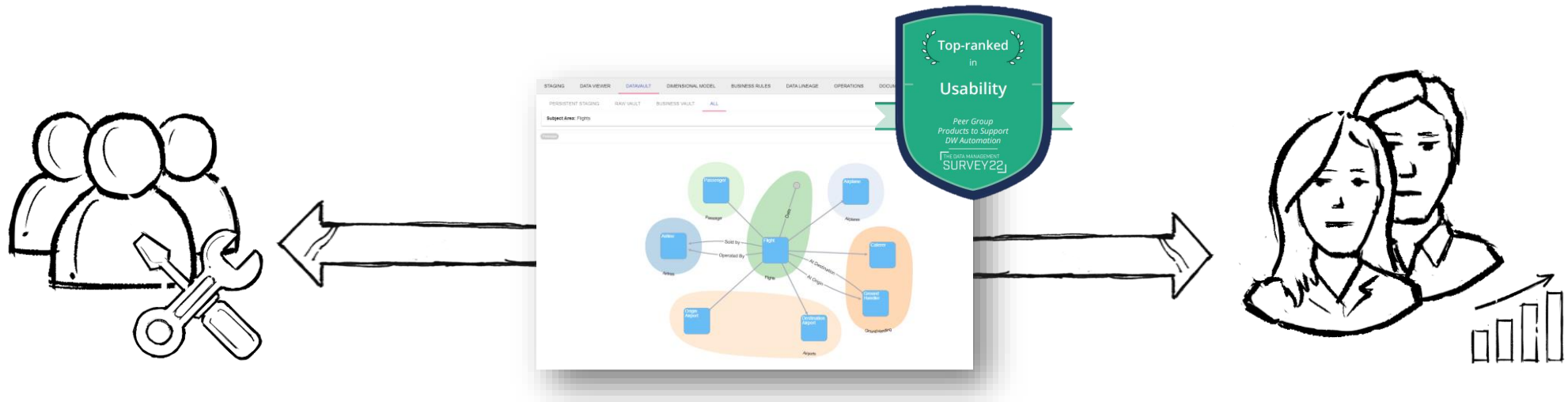
+1 929 999 12 30

Sydney Australia

+61 286 07 71 89



BUSINESS MODEL CONNECTS IT AND BUSINESS



IT

Benefits from automations and standardization

Relieves developers from boring tasks

Makes development agile

DATA MODEL

Gives meaning to data

A central mean of communication

Profits from network effect: the bigger it is the higher the business value

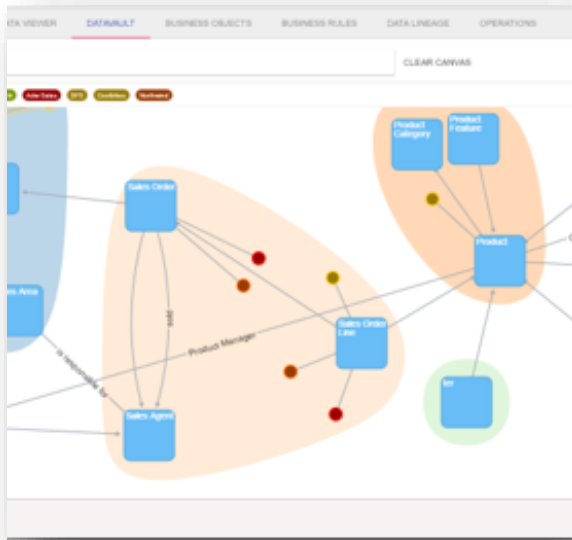
BUSINESS

Can participate in design

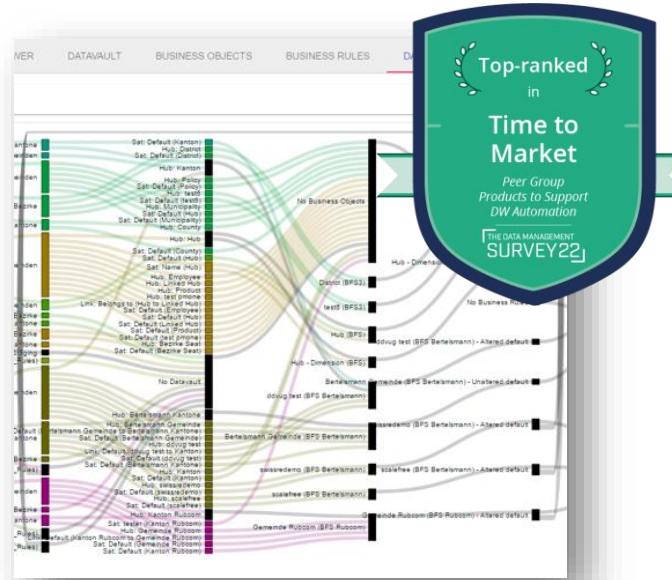
Understands the relations and meaning of information

Realized business value earlier

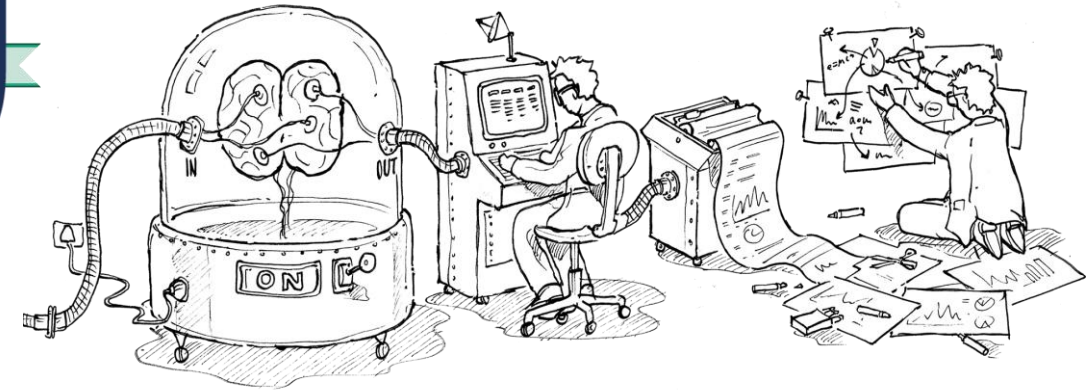
OUR USP: SIMPLE, AUTOMATIC AND COMPLETE



We provide a simple to use visual interface

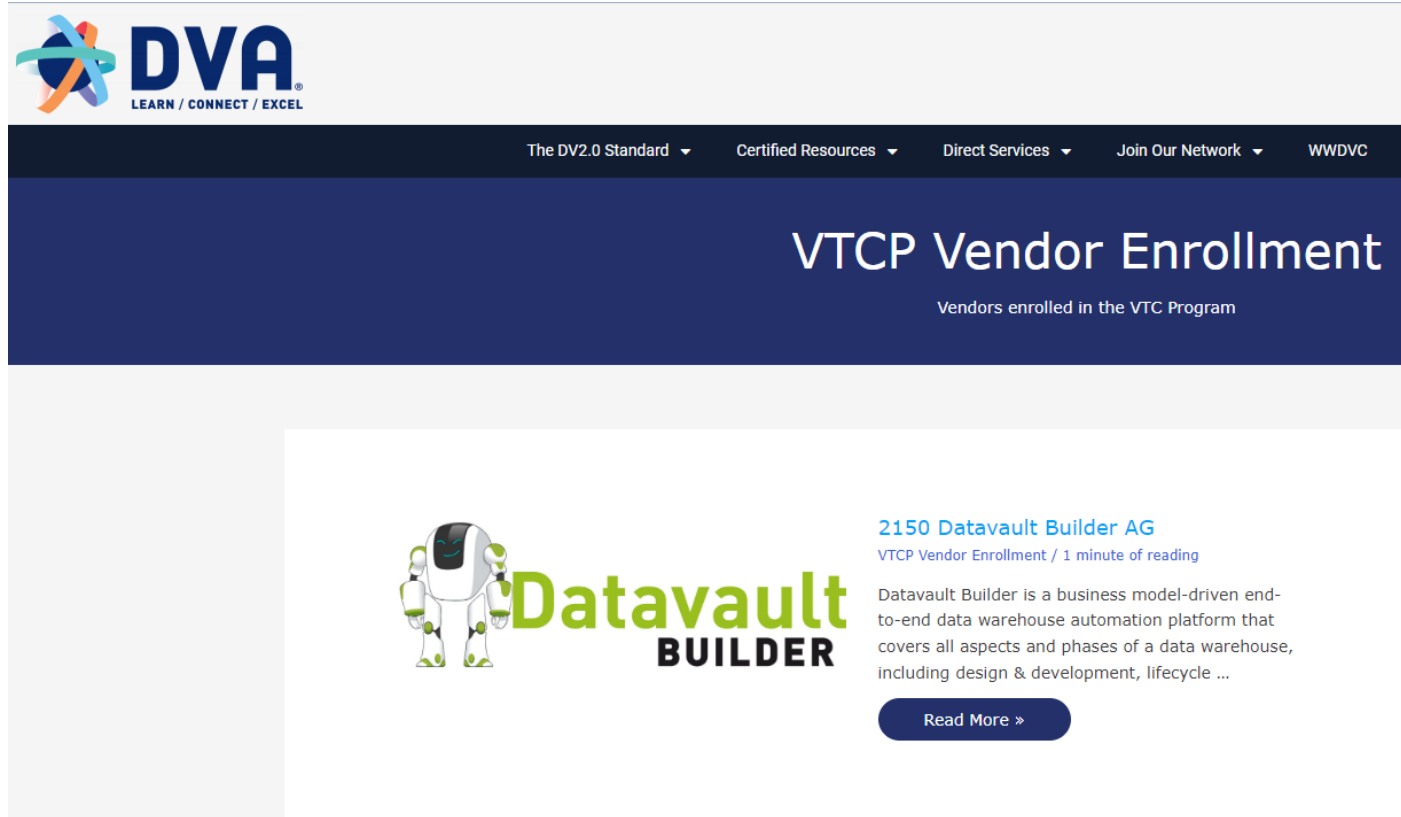


We convert automatically the design into working code in real time



We cover the full data quality process by a maintained DWH SaaS solution

ONGOING DV2.0 CERTIFICATION 2023



The screenshot shows the DVA (Data Vault Association) website. The header features the DVA logo with the tagline "LEARN / CONNECT / EXCEL". A navigation bar includes links for "The DV2.0 Standard", "Certified Resources", "Direct Services", "Join Our Network", and "WWDVC". The main section is titled "VTCP Vendor Enrollment" with a subtitle "Vendors enrolled in the VTC Program". Below this, a card for "2150 Datavault Builder AG" is displayed, featuring a robot icon and the text "Datavault BUILDER". A "Read More »" button is located at the bottom of the card.

DVA
LEARN / CONNECT / EXCEL

The DV2.0 Standard ▾ Certified Resources ▾ Direct Services ▾ Join Our Network ▾ WWDVC

VTCP Vendor Enrollment

Vendors enrolled in the VTC Program

 **Datavault**
BUILDER

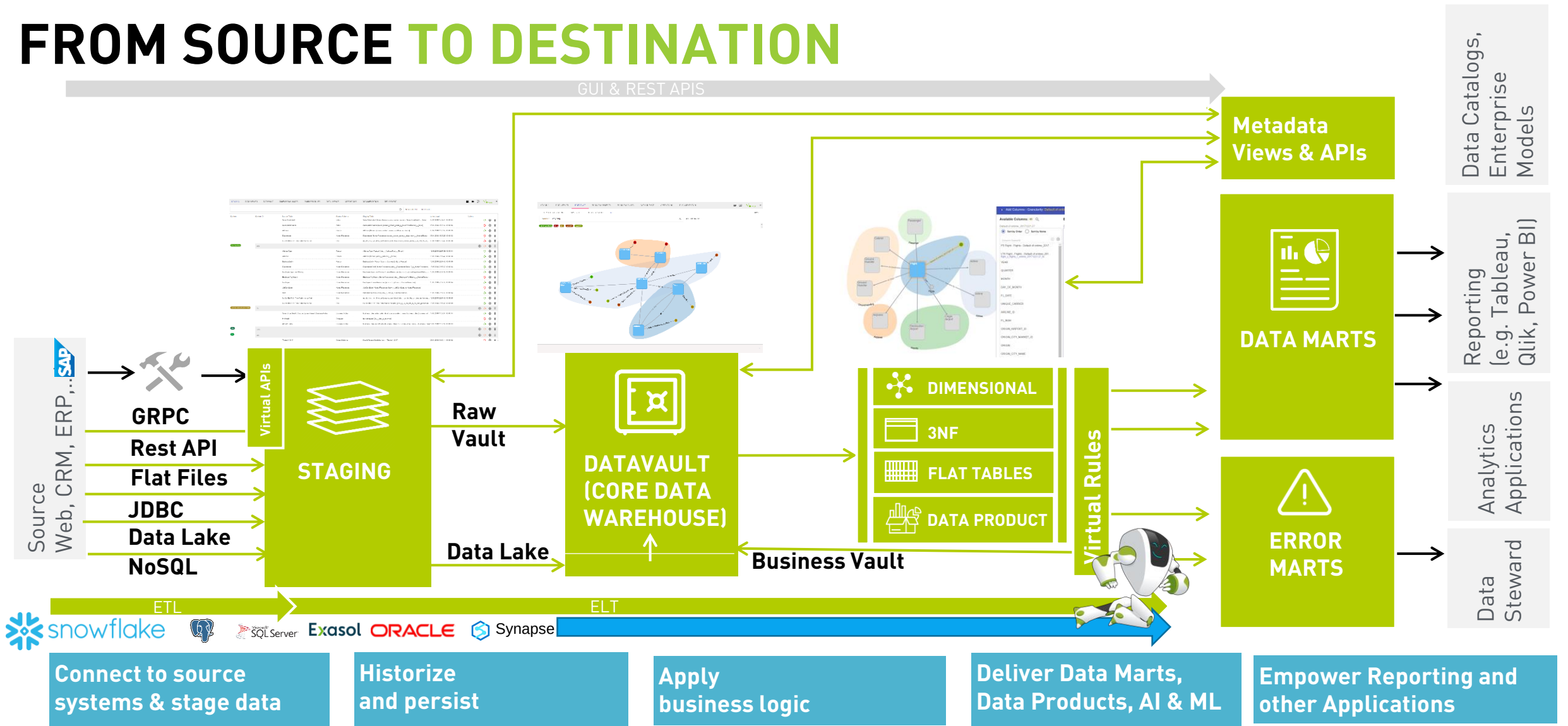
[2150 Datavault Builder AG](#)
VTCP Vendor Enrollment / 1 minute of reading

Datavault Builder is a business model-driven end-to-end data warehouse automation platform that covers all aspects and phases of a data warehouse, including design & development, lifecycle ...

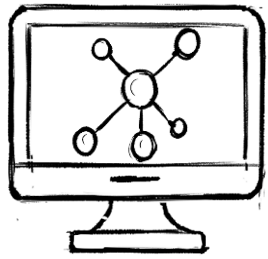
[Read More »](#)



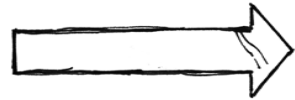
FROM SOURCE TO DESTINATION



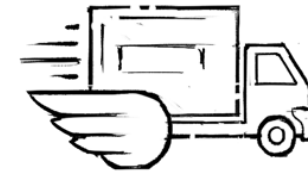
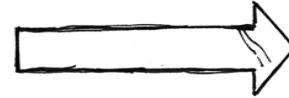
CLASSIC AUTOMATION APPROACH



Modeling Tool



Repository



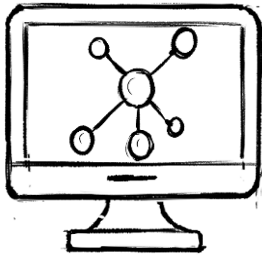
Implementation

creates delays

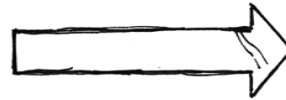
disconnect between model
and implementation

high risk of failure in the
medium and long-run

DATAVault BUILDER **AUTOMATION APPROACH**

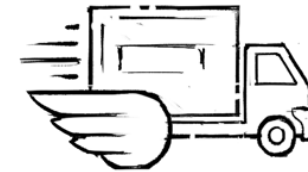


Modeling Tool



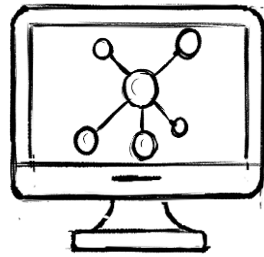
Real Time

become the first time real
agile
get feedback early
deliver business value early

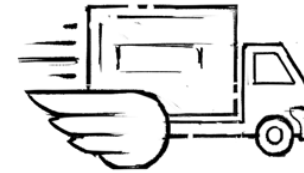
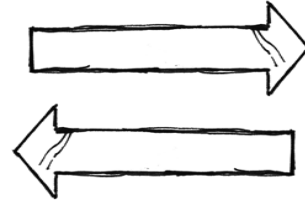


Implementation

DATAVULT BUILDER **AUTOMATION APPROACH**



Modeling Tool

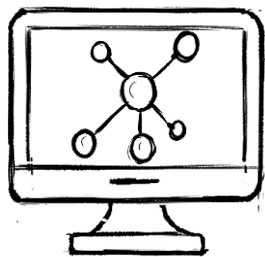
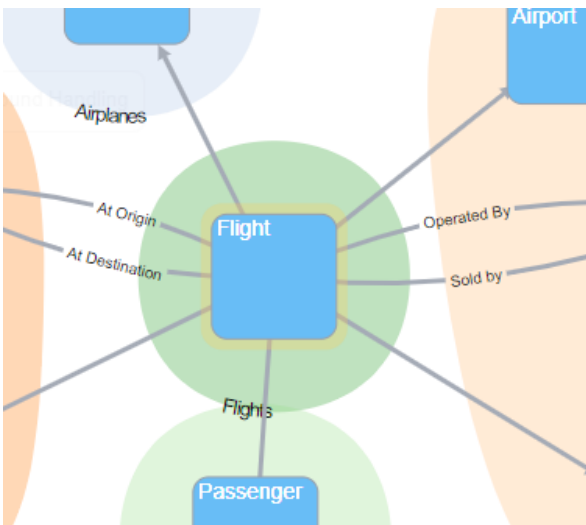


Implementation

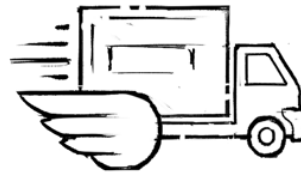
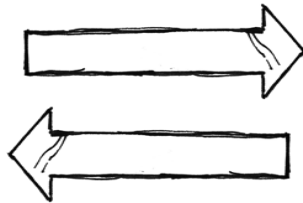
ensures consistency

ensures long-term success

DATAVAULT BUILDER **AUTOMATION APPROACH**



Modeling Tool



Implementation

Table Name:

Tablespace:

☐ Has Oids ☐ Partitions

Partition by:

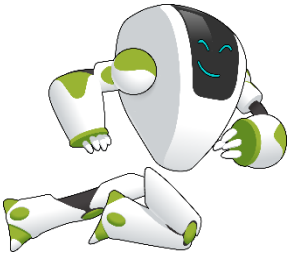
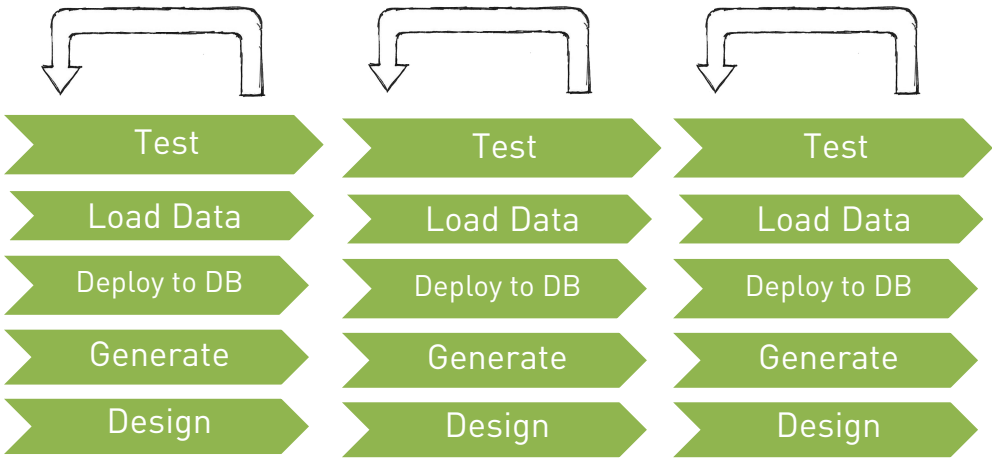
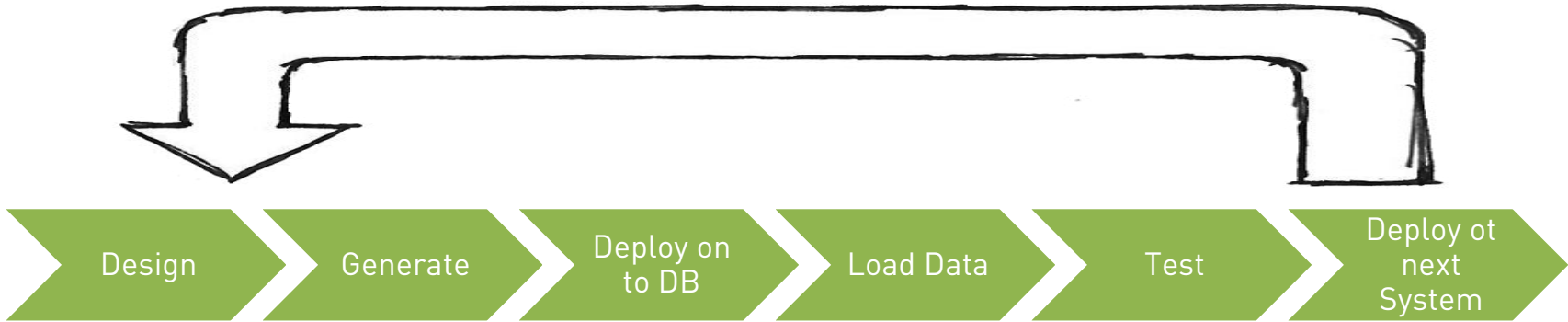
Comment:

	Column Name	#
Columns	flight_h	1
Constraints	ABC flight_bk	2
Foreign Keys	flight_It	3
Indexes	123 flight_s	4
Dependencies		

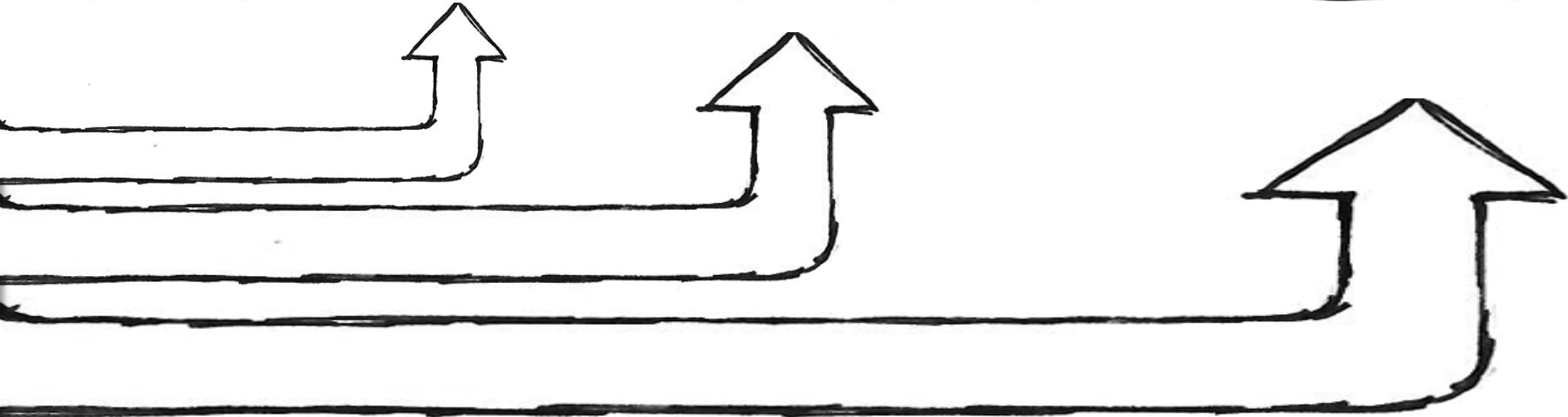
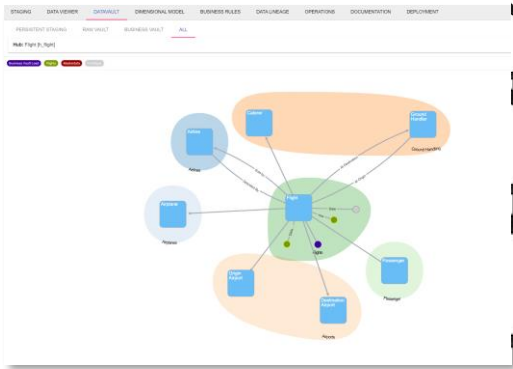
real-time link on
development or sandbox

ITIL compliant deployment
module with code
versioning

FEEDBACK CYCLE

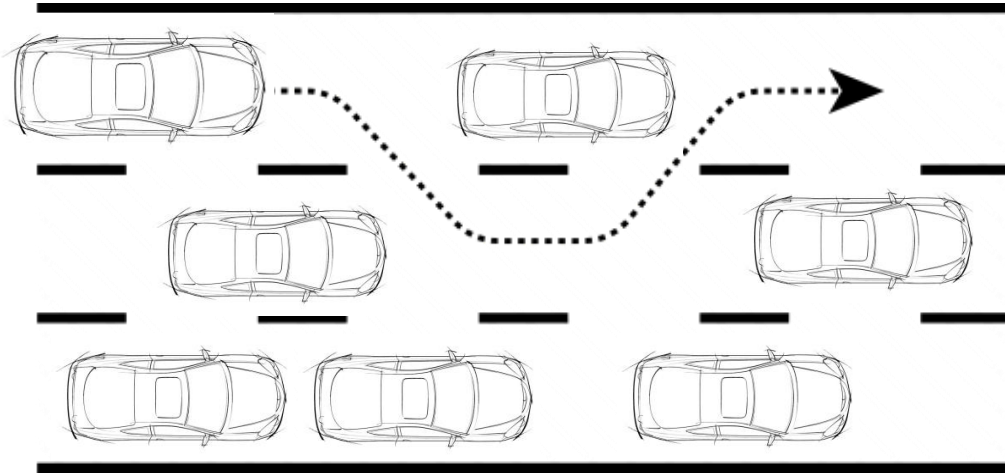


BUSINESS DRIVEN DWH AUTOMATION



BUILT FOR **AGILE** BUILT FOR **CI/CD**

Features represented as cars



Fully Git Flow based
Versioning and Deployment
process

 Jira Software

 **GitHub**

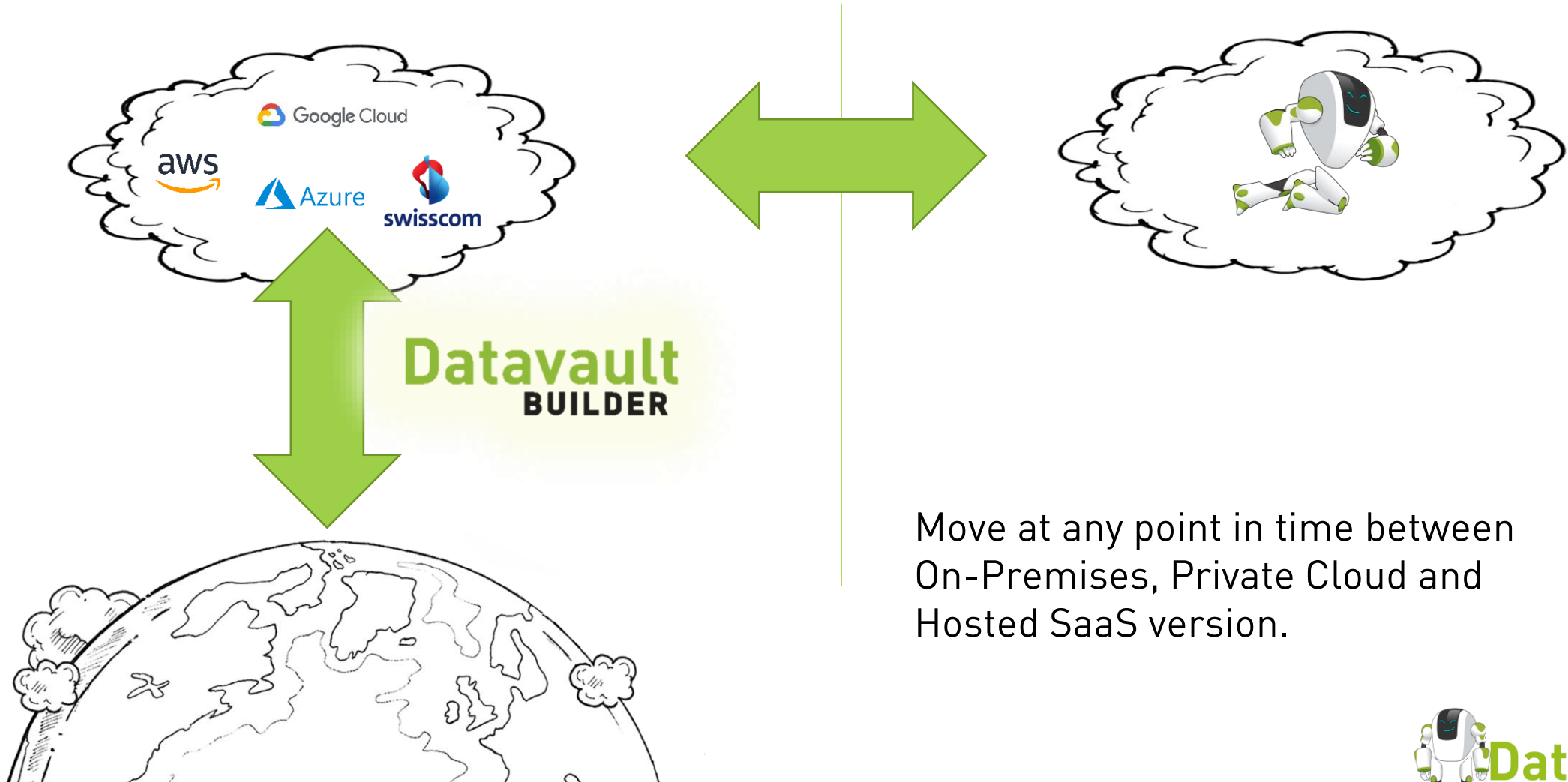
 Bitbucket

 Azure DevOps

 **GitLab**

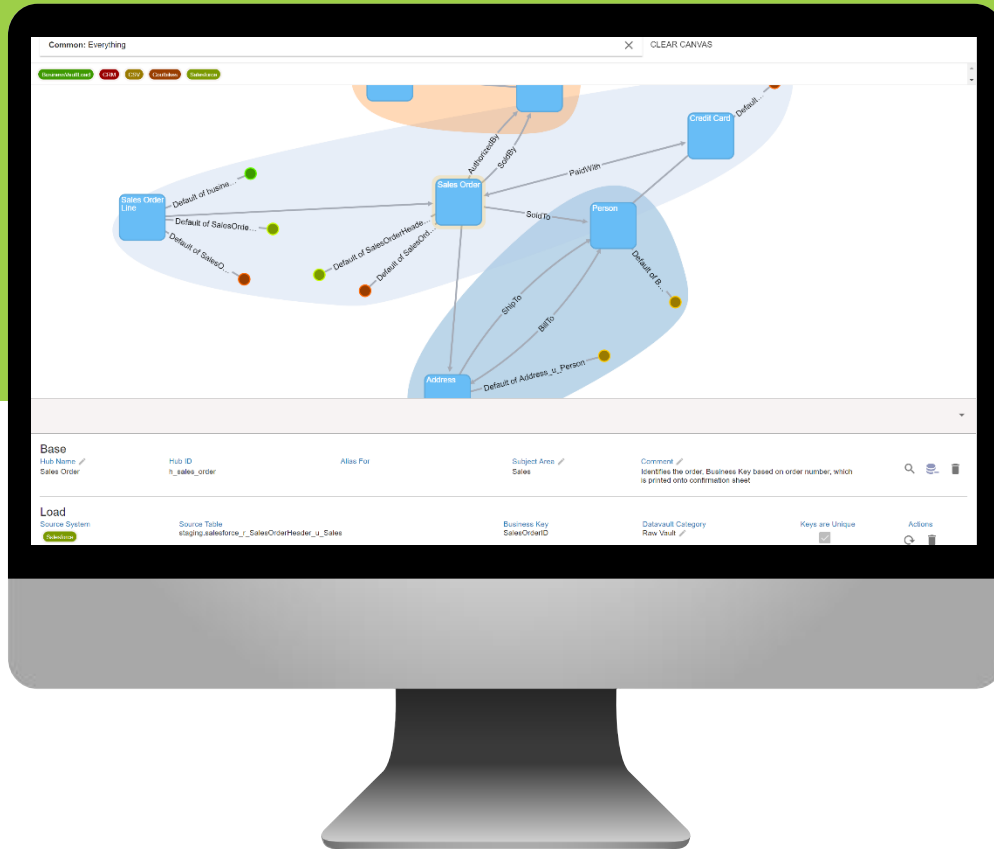
 **Jenkins**

ON PREMISES, PRIVATE CLOUD OR SAAS



Move at any point in time between On-Premises, Private Cloud and Hosted SaaS version.

LIVE DEMONSTRATION



1. Connect to a new source and make a 1:1 copy into staging
2. Model Data Vault in our Core Warehouse to persist data
3. Create a first output interface for a report



Develop

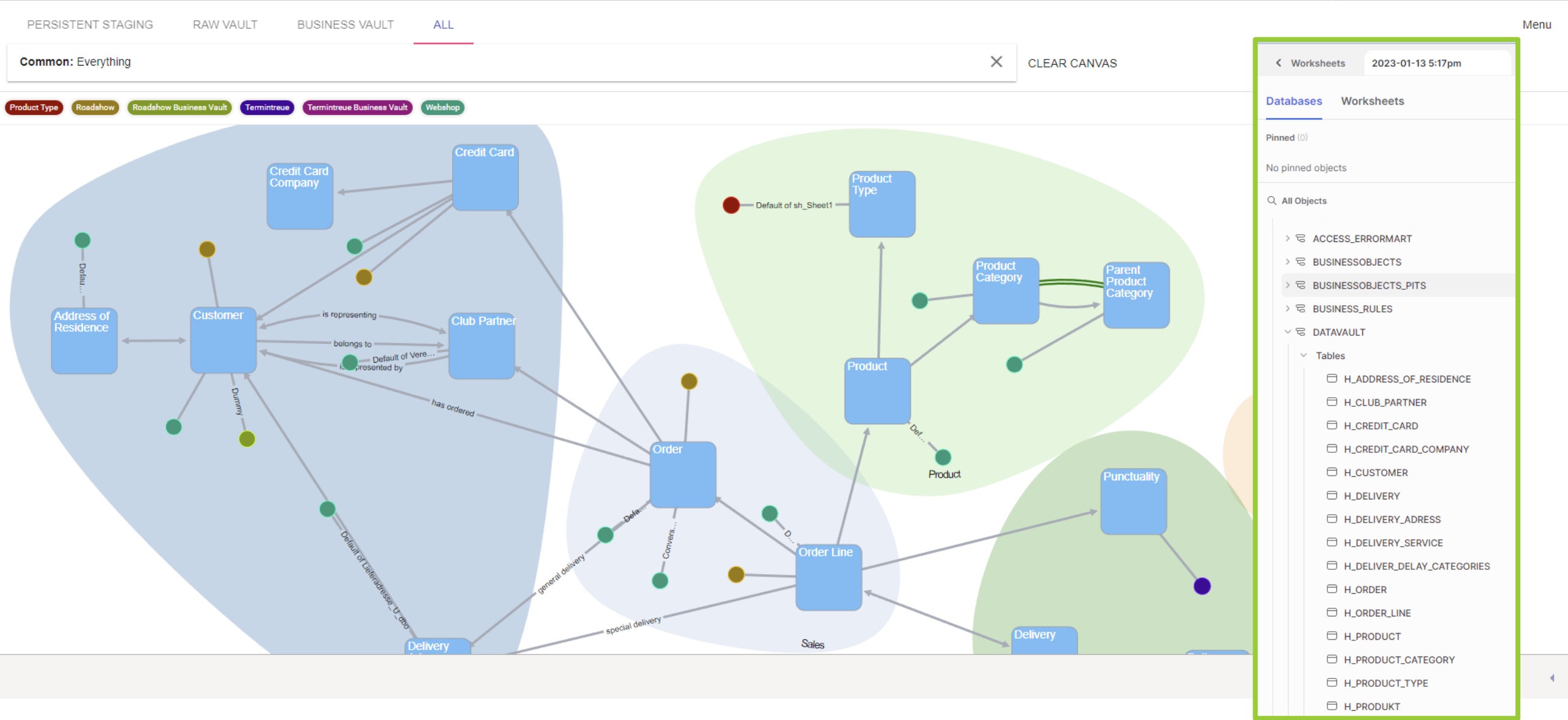


Lifecycle



Operations





Worksheets

2023-01-13 5:17pm

2023-05-26 3:16pm

+

Databases

Worksheets

Pinned (0)

No pinned objects

Q All Objects

> ACCESSLAYER

> ACCESS_ERRORMART

> BUSINESSOBJECTS

> BUSINESS_RULES

> DATAVAULT

> DATAVAULT_STAGING

> DVB_CONFIG

> DVB_CORE

> DVB_LOG

> INFORMATION_SCHEMA

> STAGING

DVB_DEMO

Settings

1

2

use dvb_demo;

select * from DVB_CORE.HUBS

Results

Chart

	HUB_ID	HUB_NAME	BOID
1	H_PRODUCT	Product	PRODUCT
2	H_PUNCTUALITY	Punctuality	PUNCTUALITY
3	H_DELIVERY_ADRESS	Delivery Adress	DELIVERY_ADRESS
4	H_CUSTOMER	Customer	CUSTOMER
5	H_ORDER_LINE	Order Line	ORDER_LINE
6	H_DELIVERY	Delivery	DELIVERY
7	H_CREDIT_CARD_COMPANY	Credit Card Company	CREDIT_CARD_COMPANY

Search



NEW SOURCE

ADD TABLE

Source Table	Source Schema	Staging Table	Latest Load	Details	Action
Roadshow Business Vault ROADSHOW_BUSINESS_VAULT					
Customer S Dvb Hub C Dummy	Business_Rules	Customer S Dvb Hub C Dummy [ROADSHOW_BUSINESS_VAULT_R_CUSTOMER_DVB_HUB_DUMMY]	31.05.2023 17:03:21 00:00:04	   	   
Termintreue TT					
sh_Tabelle1	Default Schema	Sh Tabelle1 [TT_R_sh_Tabelle1]	31.05.2023 17:03:30 00:00:04	   	   
Termintreue Business Vault BVTT					
Punctuality S Tt C As Was	Business_Rules	Punctuality S Tt [BVTT_R_PUNCTUALITY_TT]	31.05.2023 17:03:20 00:00:06	   	   
Webshop WS					
Bestellung	Dbo	Bestellung (dbo) [WS_R_Bestellung_U_dbo]	14.06.2023 09:57:34 00:00:06	   	   
Kategorie	Dbo	Kategorie (dbo) [WS_R_Kategorie_U_dbo]	31.05.2023 17:03:45 00:00:04	   	   
Kunde	Dbo	Kunde (dbo) [WS_R_Kunde_U_dbo]	31.05.2023 17:03:36 00:00:04	   	   
LieferDienst	Dbo	Lieferdienst (dbo) [WS_R_LieferDienst_U_dbo]	31.05.2023 17:03:45 00:00:04	   	   
Lieferadresse	Dbo	Lieferadresse (dbo) [WS_R_Lieferadresse_U_dbo]	31.05.2023 17:03:44 00:00:04	   	   
Lieferung	Dbo	Lieferung (dbo) [WS_R_Lieferung_U_dbo]	31.05.2023 17:03:30 00:00:05	   	   
Position	Dbo	Position (dbo) [WS_R_Position_U_dbo]	31.05.2023 17:03:33 00:00:06	   	   
Produkt	Dbo	Produkt (dbo) [WS_R_Produkt_U_dbo]	31.05.2023 17:03:41 00:00:04	   	   
VersionPartner	Dbo	Versionpartner (dbo) [WS_R_VersionPartner_U_dbo]	31.05.2023 17:03:41	   	   

CONNECTING SOURCE SYSTEMS

Access Layer: Customer [ACCESSLAYER.CUSTOMER]

Search

CREATE BOOKMARK

Treemap



Count

☐ Auto Refresh every seconds REFRESH

Business Key for Hub Customer

Geschlecht

Email

Geburtsdatum

KundeID

Mobil

Name

Telefon

Vorname

All

null

w

d

m

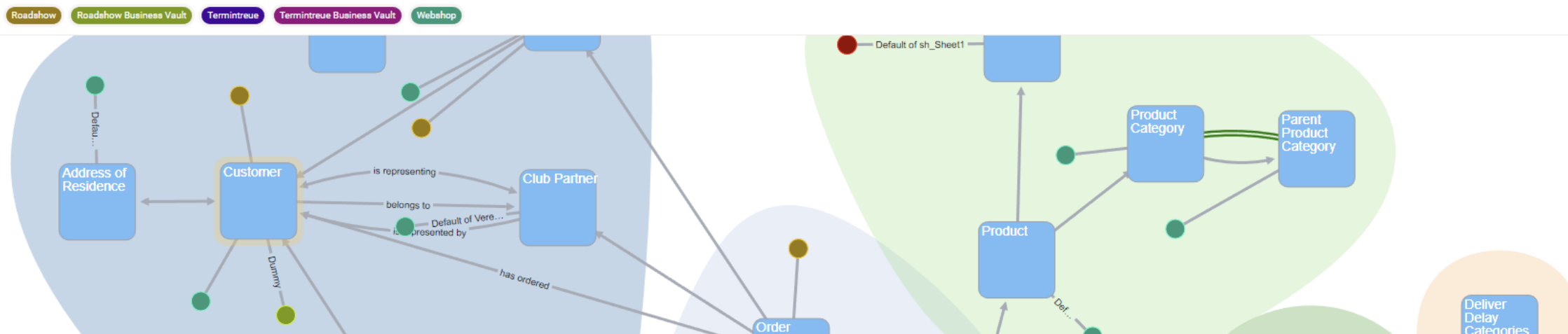
Geschlecht ↑	Totals
	1
d	35
m	151
null	71
w	153
Totals	411

DATA PROFILING

Common: Everything

×

CLEAR CANVAS



Base

Hub Name

Customer

Hub ID
H CUSTOMER

Alias For

Subject Area

CRM

Comment 

Customer Data



Load

Source System

Source Table

Business Key

Datavault Category

Keys are Unique

Actions

Roadshow Business Vault

STAGING.ROADSHOW BUSINESS VAULT R CUSTOMER DVB HUB DUMMY

KundeID

Business Vault

7



Roadshow

STAGING.RS_R_RS_Bestellung_U_dbo

KundeID

Raw Vault 

7



Webshop

STAGING.WS_R_Bestellung_U_dbo

KundeID

Raw Vault 

7

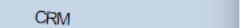


CONNECTING MODEL WITH DATA



Hub: Address of Residence

Order



Hub Name

Address of Residence

Source System

STAGING.WS_R_Wohnort_U_dbo

KundeID, Von

Raw Vault 

□ ×

REVIEW

×

×

Sort by Order

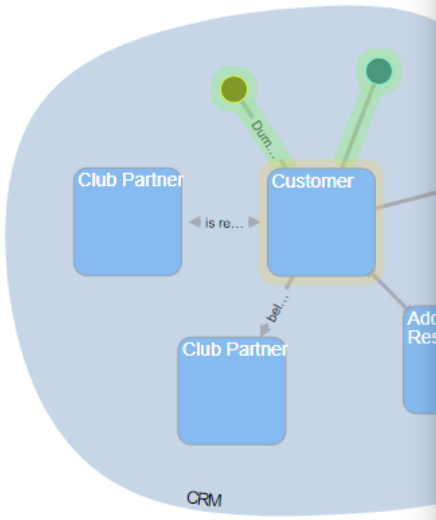
Q

TEXT

↑

KundeID
TEXT

Business Key[illegible]



Data Preview: Business Objects Columns								
CUSTOMER_S_...	Business Key f...	CUSTOMER_S_...	CUSTOMER_S_...	ILS Customer - ...	DLS Customer ...	LTS Customer - ...	ITS Customer - ...	KundeID2
1 ߦ-03-1...	1	2022-03-12 00:0...	2022-03-19 00:0...	2022-03-12 00:0...	2023-04-27 14:4...	2023-04-27 14:4...	2022-03-12 00:...	1
300 ߦ-03...	300	2022-03-12 00:0...	2022-03-19 00:0...	2022-03-12 00:0...	2023-04-27 14:4...	2023-04-27 14:4...	2022-03-12 00:...	300
299 ߦ-03...	299	2022-03-12 00:0...	2022-03-19 00:0...	2022-03-12 00:0...	2023-04-27 14:4...	2023-04-27 14:4...	2022-03-12 00:...	299
298 ߦ-03...	298	2022-03-12 00:0...	2022-03-19 00:0...	2022-03-12 00:0...	2023-04-27 14:4...	2023-04-27 14:4...	2022-03-12 00:...	298
297 ߦ-03...	297	2022-03-12 00:0...	2022-03-19 00:0...	2022-03-12 00:0...	2023-04-27 14:4...	2023-04-27 14:4...	2022-03-12 00:...	297
296 ߦ-03...	296	2022-03-12 00:0...	2022-03-19 00:0...	2022-03-12 00:0...	2023-04-27 14:4...	2023-04-27 14:4...	2022-03-12 00:...	296
295 ߦ-03...	295	2022-03-12 00:0...	2022-03-19 00:0...	2022-03-12 00:0...	2023-04-27 14:4...	2023-04-27 14:4...	2022-03-12 00:...	295
294 ߦ-03...	294	2022-03-12 00:0...	2022-03-19 00:0...	2022-03-12 00:0...	2023-04-27 14:4...	2023-04-27 14:4...	2022-03-12 00:...	294
293 ߦ-03...	293	2022-03-12 00:0...	2022-03-19 00:0...	2022-03-12 00:0...	2023-04-27 14:4...	2023-04-27 14:4...	2022-03-12 00:...	293
292 ߦ-03...	292	2022-03-12 00:0...	2022-03-19 00:0...	2022-03-12 00:0...	2023-04-27 14:4...	2023-04-27 14:4...	2022-03-12 00:...	292
291 ߦ-03...	291	2022-03-12 00:0...	2022-03-19 00:0...	2022-03-12 00:0...	2023-04-27 14:4...	2023-04-27 14:4...	2022-03-12 00:...	291
290 ߦ-03...	290	2022-03-12 00:0...	2022-03-19 00:0...	2022-03-12 00:0...	2023-04-27 14:4...	2023-04-27 14:4...	2022-03-12 00:...	290
289 ߦ-03...	289	2022-03-12 00:0...	2022-03-19 00:0...	2022-03-12 00:0...	2023-04-27 14:4...	2023-04-27 14:4...	2022-03-12 00:...	289
288 ߦ-03...	288	2022-03-12 00:0...	2022-03-19 00:0...	2022-03-12 00:0...	2023-04-27 14:4...	2023-04-27 14:4...	2022-03-12 00:...	288
287 ߦ-03...	287	2022-03-12 00:0...	2022-03-19 00:0...	2022-03-12 00:0...	2023-04-27 14:4...	2023-04-27 14:4...	2022-03-12 00:...	287
286 ߦ-03...	286	2022-03-12 00:0...	2022-03-19 00:0...	2022-03-12 00:0...	2023-04-27 14:4...	2023-04-27 14:4...	2022-03-12 00:...	286
285 ߦ-03...	285	2022-03-12 00:0...	2022-03-19 00:0...	2022-03-12 00:0...	2023-04-27 14:4...	2023-04-27 14:4...	2022-03-12 00:...	285
284 ߦ-03...	284	2022-03-12 00:0...	2022-03-19 00:0...	2022-03-12 00:0...	2023-04-27 14:4...	2023-04-27 14:4...	2022-03-12 00:...	284
283 ߦ-03...	283	2022-03-12 00:0...	2022-03-19 00:0...	2022-03-12 00:0...	2023-04-27 14:4...	2023-04-27 14:4...	2022-03-12 00:...	283
282 ߦ-03...	282	2022-03-12 00:0...	2022-03-19 00:0...	2022-03-12 00:0...	2023-04-27 14:4...	2023-04-27 14:4...	2022-03-12 00:...	282
281 ߦ-03...	281	2022-03-12 00:0...	2022-03-19 00:0...	2022-03-12 00:0...	2023-04-27 14:4...	2023-04-27 14:4...	2022-03-12 00:...	281
280 ߦ-03...	280	2022-03-12 00:0...	2022-03-19 00:0...	2022-03-12 00:0...	2023-04-27 14:4...	2023-04-27 14:4...	2022-03-12 00:...	280
279 ߦ-03...	279	2022-03-12 00:0...	2022-03-19 00:0...	2022-03-12 00:0...	2023-04-27 14:4...	2023-04-27 14:4...	2022-03-12 00:...	279
278 ߦ-03...	278	2022-03-12 00:0...	2022-03-19 00:0...	2022-03-12 00:0...	2023-04-27 14:4...	2023-04-27 14:4...	2022-03-12 00:...	278
277 ߦ-03...	277	2022-03-12 00:0...	2022-03-19 00:0...	2022-03-12 00:0...	2023-04-27 14:4...	2023-04-27 14:4...	2022-03-12 00:...	277

Output

Sort by Source Object

LT

CUSTOMER_S_DVB_HUB_C_AS_WAS_H_...

Business Key for Hub Customer

2

CUSTOMER_S_DVB_HUB_C_AS_WAS_H_LT

E...

D...

CUSTOMER_S_DVB_HUB_C_AS_WAS_H_L...

TH

ILS Customer - Webshop - Kunde

TH

DLS Customer - Webshop - Kunde

LTS Customer - Webshop - Default

ITS Customer - Webshop - Default

KundeID2

Mobil

2

Telefon

2

Email

2

ADD BUSINESS RULESET



QUICK INSERT

☒ Include in Accesslayer ⓘ

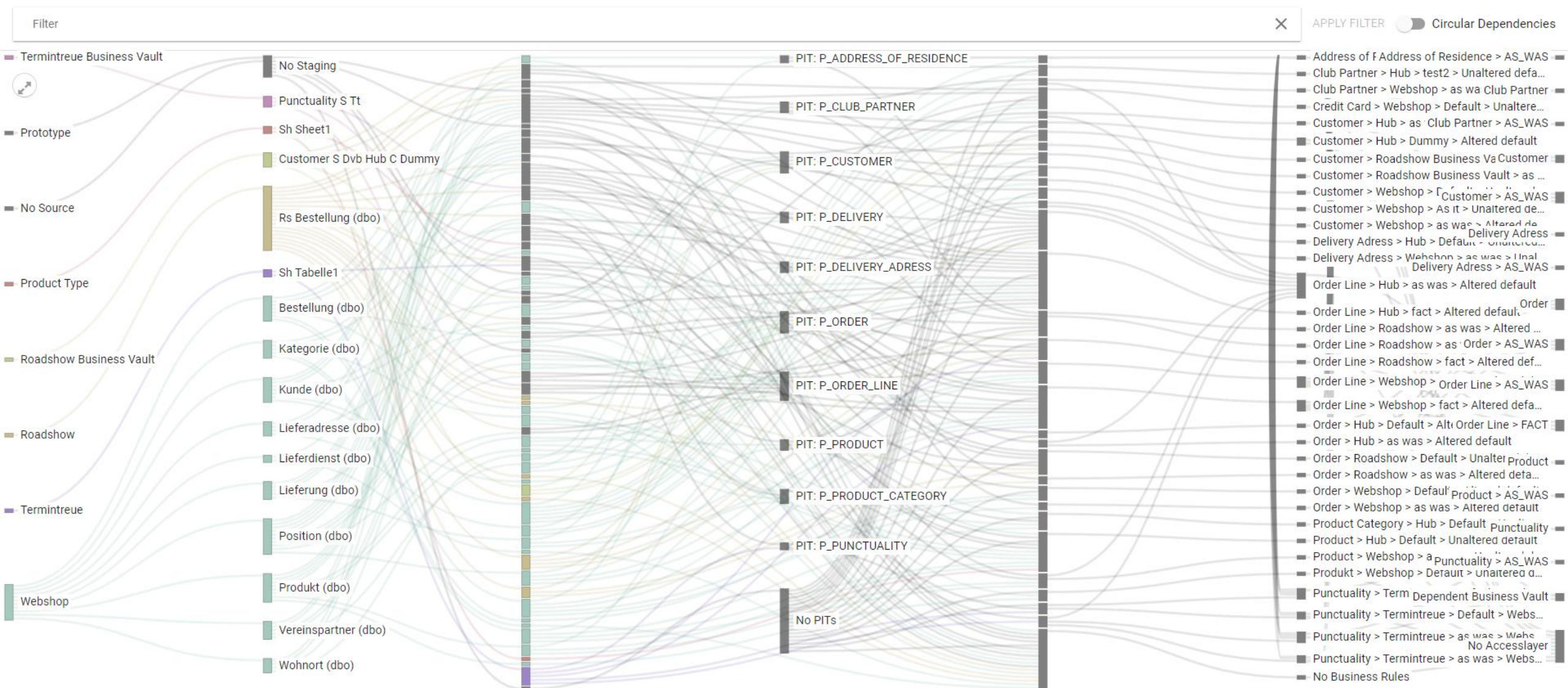
Prioritization in the accesslayer

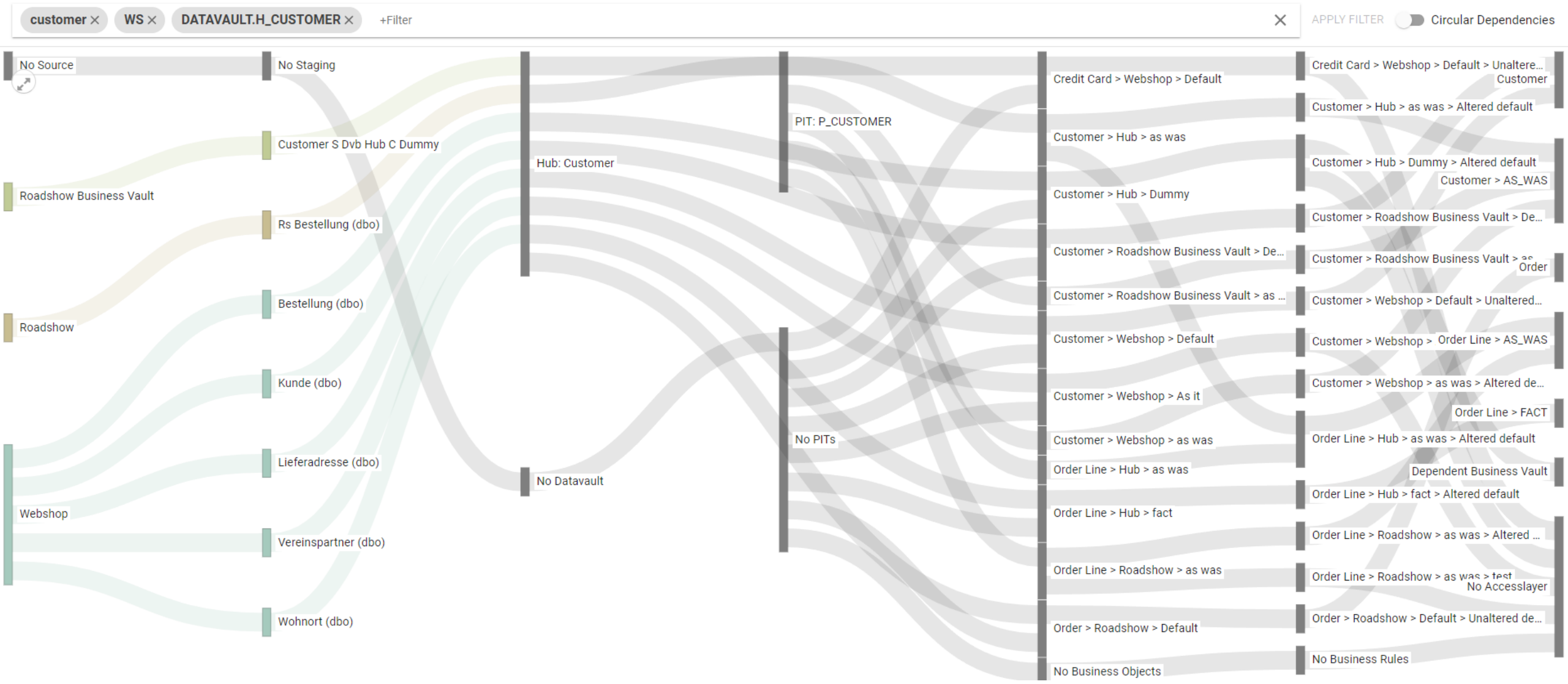
0

☐ Is Error-Ruleset ⓘ

Alias View ⓘ

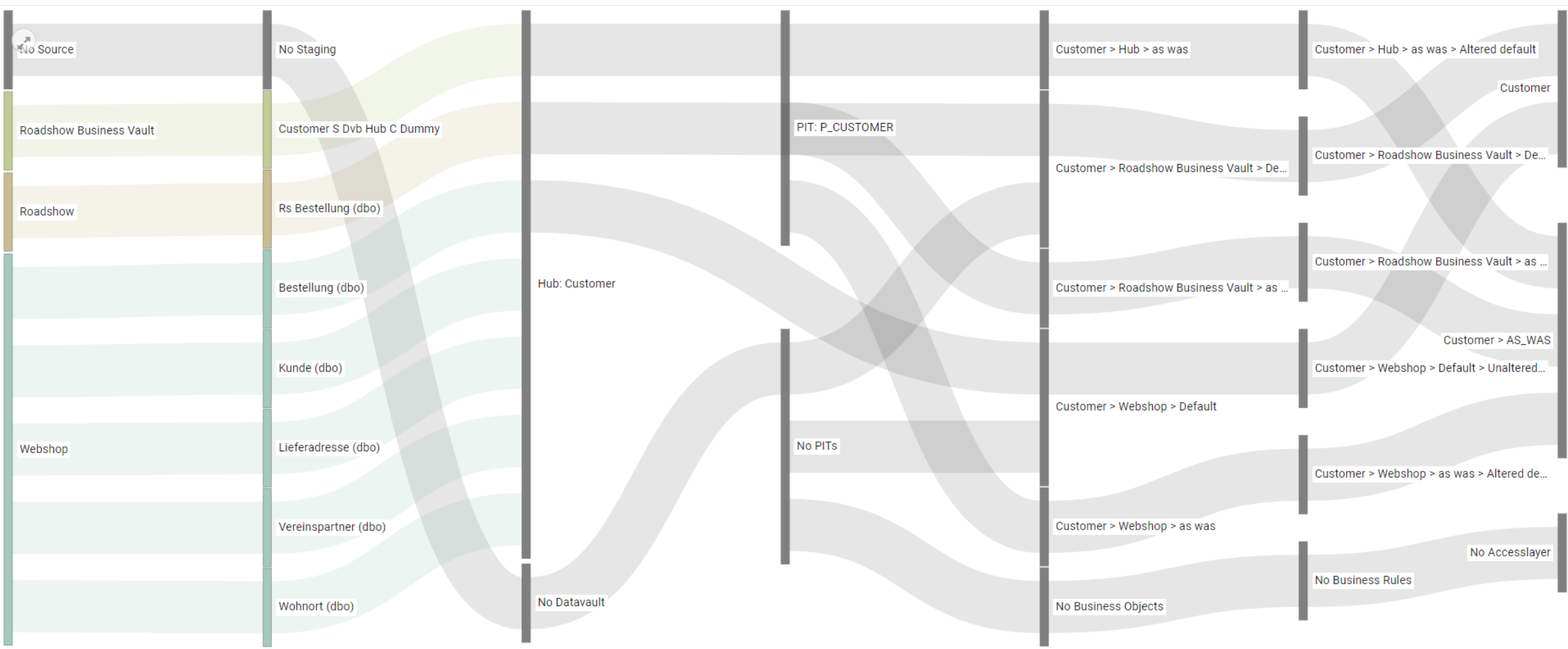
View Name

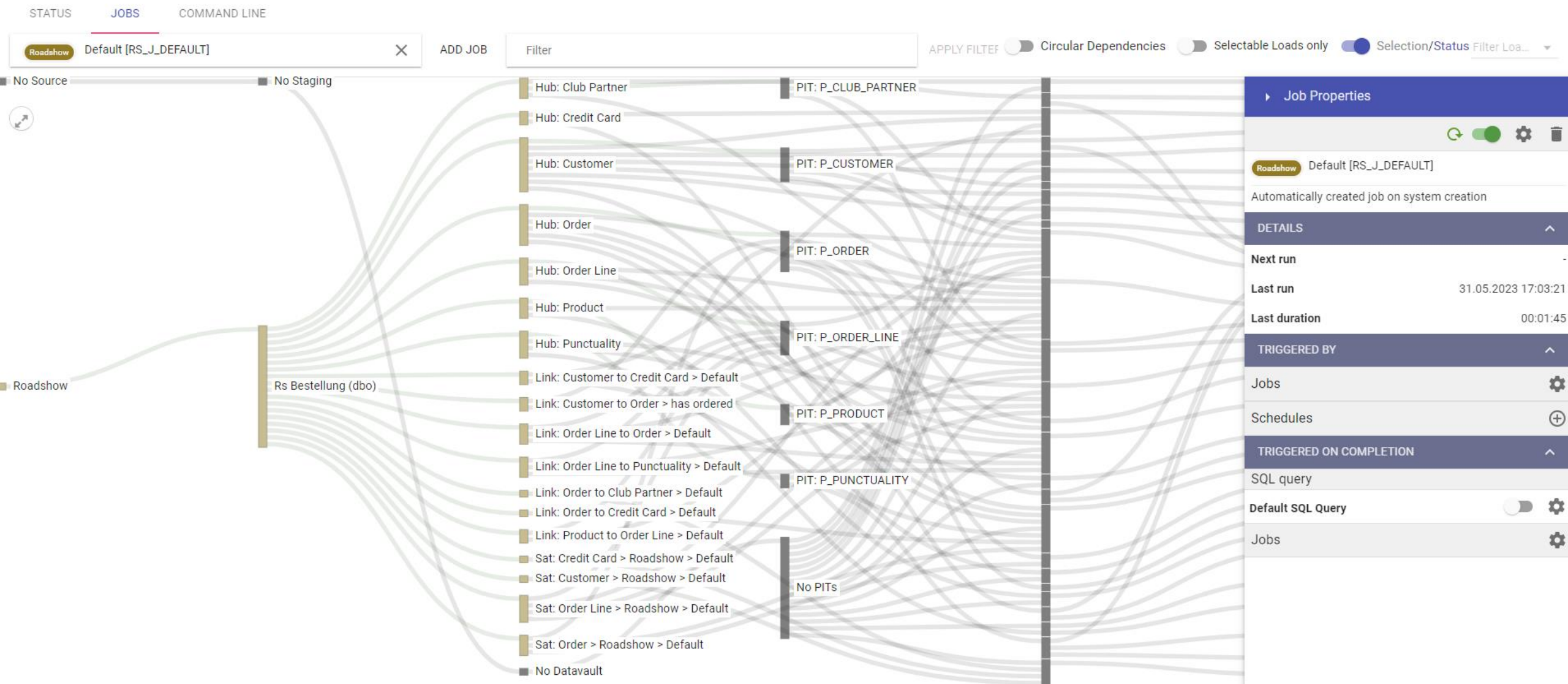




customer ×WS ×DATAVAULT.H_CUSTOMER ×ACCESSLAYER.CUSTOMER ×+Filter

APPLY FILTERCircular Dependencies





AUTOMATIC JOB GENERATION

demo

×

user:

duration:

generated at:

RE-GENERATE

DOWNLOAD PDF

Table of Contents

- 1 Staging
 - 1.1 Systems
 - 1.2 System Details
- 2 Datavault
 - 2.1 Hubs
 - 2.2 Hubs by System
 - 2.3 Subject Areas
 - 2.4 Hubs by Subject area
 - 2.5 Hub Details
 - 2.6 Link Details
- 3 Business Objects
 - 3.1 Business Object Details
- 4 Business Rules
- 5 Annex
 - 5.1 Business Ruleset Code

1. Staging

1.1. Systems

System Name	System ID	System Comment	System Color	Source Type
Product Type	PT		#990000	MS Excel File
Roadshow	RS	Roadshow Data of 'Samen und Pflanzenhandel Willibald'	#997A00	MS SQL Server (2012 and up, Azure SQL, Azure Synapse)
Roadshow Business Vault	ROADSHOW_BUSINESS_VAULT		#7A9900	Businessvault Load
Termintrue	TT		#3D0099	MS Excel File
Termintrue Business Vault	BVTT		#99007A	Businessvault Load
Webshop	WS	Webshop Data of 'Samen und Pflanzenhandel Willibald'	#00997A	MS SQL Server (2012 and up, Azure SQL, Azure Synapse)



Pinned (0)

No pinned objects

All Objects



- > ACCESSLAYER
- > ACCESS_ERRORMART
- > BUSINESSOBJECTS
- > BUSINESS_RULES
- > DATAVAULT
- > DATAVAULT_STAGING
- > DVB_CONFIG
- > DVB_CORE
- > DVB_LOG
- > INFORMATION_SCHEMA
- > STAGING
- > DATAVAULTBUILDER
- > DATAVAULTBUILDER_DEMO
- > DATAVAULTBUILDER_DEMO2

DVB_DEMO ▾

Settings ▾

```
1 use dvb_demo;  
2 select * from DVB_CORE.HUBS
```

Results

Chart

	HUB_ID	HUB_NAME	BOID
1	H_PRODUCT	Product	PRODUCT
2	H_PUNCTUALITY	Punctuality	PUNCTUALITY
3	H_DELIVERY_ADRESS	Delivery Adress	DELIVERY_ADRESS
4	H_CUSTOMER	Customer	CUSTOMER
5	H_ORDER_LINE	Order Line	ORDER_LINE
6	H_DELIVERY	Delivery	DELIVERY
7	H_CREDIT_CARD_COMPANY	Credit Card Company	CREDIT_CARD_COMPANY
8	H_PARENT_PRODUCT_CATEGORY	Parent Product Category	PARENT_PRODUCT_CATEGORY
9	H_CLUB_PARTNER	Club Partner	CLUB_PARTNER
10	H_ORDER	Order	ORDER

dvbdemosnowflake.2150.ch local

Datavaultbuilder_state_2023_06_19__16_00_09.zip

	Domain	Object Type	Object Name	Object ID	Object Comment	Subject Area	Operation	Deploy
	All	All				All	All	All
	Datavault	Hub Load		H_PRODUKT_S_WS_R_Produkt_U_dbo			=	☐
	Datavault	Satellite	Default of Produkt_U_dbo	S_PRODUKT_S_WS_R_Produkt_U_dbo		Verkauf	=	☐
	Datavault	Hub	Punctuality	H_PUNCTUALITY		Logistics	=	☐
	Datavault	Hub Load		H_PUNCTUALITY_S_BVTT_R_PUNCTUALITY_TT			=	☐
	Datavault	Hub Load		H_PUNCTUALITY_S_RS_R_RS_Bestellung_U_dbo			=	☐
	Datavault	Hub Load		H_PUNCTUALITY_S_TT_R_sh_Tabelle1			=	☐
	Datavault	Satellite		S_PUNCTUALITY_S_TT_R_sh_Tabelle1		Logistics	=	☐
	Datavault	Hub	test	H_TEST			➔ Create	☐
	Datavault	Link		L_ADDRESS_OF_RESIDENCE_T_CUSTOMER		Crm	=	☐
	Datavault	Link Load		L_ADDRESS_OF_RESIDENCE_T_CUSTOMER_S_WS_R_Wohnort_U_dbo			=	☐
	Datavault	Link	is represented by	L_CLUB_PARTNER_T_CUSTOMER_L_IS_REPRESENTED_BY		Crm	=	☐
	Datavault	Link Load		L_CLUB_PARTNER_T_CUSTOMER_L_IS_REPRESENTED_BY_S_WS_R_VereinsPar			=	☐
	Datavault	Link		L_CREDIT_CARD_T_CREDIT_CARD_COMPANY		Crm	=	☐
	Datavault	Link	belongs to	L_CUSTOMER_T_CLUB_PARTNER_L_BELONGS_TO		Crm	=	☐
	Datavault	Link Load		L_CUSTOMER_T_CLUB_PARTNER_L_BELONGS_TO_S_ROADSHOW_BUSINESS_V			=	☐

Total Items: 225

☒ Diff changes only

☐ Full Diff

Selected Objects: 0

```
{
  hub_name: "test",
  hub_comment: null,
  hub_subject_area_name: null,
  hub_id_of_alias_parent: null
}
```

```
{
  hub_name: "test",
  hub_comment: null,
  hub_subject_area_name: null,
  hub_id_of_alias_parent: null
}
```

```
{}
```

×

Object Type	Operation	Steps Count	Step State	Action
+ hub	delete	3	Succeeded	↓
+ hub_load	delete	2	Succeeded	↓
+ link	delete	2	Succeeded	↓
+ satellite	delete	2	Succeeded	↓
+ staging_table	delete	2	Succeeded	↓
+ system	delete	2	Succeeded	↓

PARALLEL DEPLOYMENT RUNNER



```
1 {  
2     "object_id": "H_CLUB_PARTNER",  
3     "object_name": "Club Partner",  
4     "object_type": "hub",  
5     "properties": {  
6         "hub_subject_area_name": "CRM"  
7     }  
8 }
```

GIT FLOW WITH BRANCHING AND MERGING

Search

×

EXPORT LOCAL ENVIRONMENT

COMPARE

Package ID	Run ID	Duration	Progress
+ 7179ebbd45276ce51c49dc16df0f622b	e95e75058589eb7d4828109d98c91183	00:00:04	
+ c8e24eca65be55bca7de125112f73510	bbff3791313d08aa2283075dafe9c066	00:00:43	
+ c8e24eca65be55bca7de125112f73510	7b1dff7c6d0d320db789888e2bf2c1e7	00:01:50	1
+ c8e24eca65be55bca7de125112f73510	e409787bdab14cdf52adfc3c1151c72	00:03:27	199
+ 7b1ca9832bf7180f64d0de944a5db040	20f1e9084cf58e6bdb5149a89d7e8e1a	00:00:10	0
+ fdf2cd17b5a584af255a57e3e7a0f066	21d225405f1e84d5e6a5e31adf4ca538	00:00:32	127
+ 0a9eff5a34337fca0c91d3fd1258aef	6387ab872f05aba4c1a5da251de6b203	00:00:01	
+ f5818fafbd990f440c741a407e52521c	6760bf97028473bb5a6672b9abe6ad24	00:00:44	
+ f5818fafbd990f440c741a407e52521c	7bf79f19d3af7131ab73ea98fd1fe76f	00:01:48	1
+ e3b2c7ce6db5578d14af524f6f6de3e3	5d3cf8c0774f031ebefa3d7c1456b09f	00:03:37	196
+ 050479d5942ef2bbd6f7780c5a938d22	52a8c695ef7d51a91ff87ba6c352759b	00:00:16	1
+ e73e01d11f6ab701be44162ba63dfbba	3f04c2fe0873b1825553938f5ec19887	00:00:09	0
+ 7e5b335a5517da1a02b5578ab6461c63	a00188bba695f5adbceca449b0c00753d	00:00:07	0
+ 5434c356c35d63d45730f700ddeacec4	f5f3f74b91b60b172beaf36e59cba68c	00:00:06	0

The screenshot shows the Chrome DevTools Network tab. A filter for "3rd-party requests" is applied. A timeline bar at the top indicates a duration of approximately 6500ms. The selected request is a POST to `https://dvbdemosnowflake.2150.ch/rpc/deploymentExportModel`. The response is a 200 OK status. The response headers are expanded, showing `Access-Control-Allow-Credentials: true`, `Content-Encoding: gzip`, and other standard headers. The request headers are also visible, showing an authorization token.

Name	Headers	Payload	Preview	Response	Initiator	Timing
☐ deploymentList						
☐ deploymentList						
☒ deploymentExportModel	General Request URL: <code>https://dvbdemosnowflake.2150.ch/rpc/deploymentExportModel</code> Request Method: <code>POST</code> Status Code: <code>200</code> Remote Address: <code>212.51.128.234:443</code> Referrer Policy: <code>strict-origin-when-cross-origin</code>					
☐ deploymentList						
☐ deploymentList						
☐ deploymentList						
☐ renewToken						
☐ deploymentList						
☐ deploymentList						

Response Headers:

- `Access-Control-Allow-Credentials: true`
- `Access-Control-Allow-Origin: https://dvbdemosnowflake.2150.ch`
- `Access-Control-Expose-Headers: Content-Encoding, Content-Location, Content-Range, Content-Type, Date, Location, Server, Transfer-Encoding, Range-Unit`
- `Cache-Control: no-cache`
- `Content-Range: 0-0/*`
- `Content-Type: application/vnd.pgrst.object+json; charset=utf-8`
- `Date: Wed, 21 Jun 2023 05:28:59 GMT`
- `Server: nginx/1.14.0 (Ubuntu)`

Request Headers:

Provisional headers are shown. [Learn more](#)

- `Accept: application/json, text/plain, */*`
- `Authorization: Bearer eyJhbGciOiJIUzIuNiIsInR5cCI6IkpXVCJ9.eyJyb2xljoiZHZIX2FkbWludidXNlcM5hbWUiOiJkZW1vliwiZXhwIjozMDZlNDQzOTY5A.BV5DdLpSXvUn182yDjmQ8b1GSzp1aAnu0A09Ik3OCkWxuS9cVY8ob2u4ouK_ohOWON64j0bJEqTPV9A`
- `Content-Type: application/json; charset=UTF-8`
- `Dnt: 1`
- `Referer: https://dvbdemosnowflake.2150.ch/`
- `Sec-Ch-Ua: "Not.A/Brand";v="8", "Chromium";v="114", "Google Chrome";v="114"`
- `Sec-Ch-Ua-Mobile: ?0`
- `Sec-Ch-Ua-Platform: "Windows"`
- `User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/114.0.0.0 Safari/537.36`

9 requests | 614 kB transferred

STAGINGDATA VIEWERDATAVAULTDIMENSIONAL MODELBUSINESS RULESDATA LINEAGEOPERATIONSDOCUMENTATIONDEPLOYMENT

STATUSJOBSCOMMAND LINE

RoadshowDefault [RS_J_DEFAULT]

No SourceNo Staging

RoadshowRs Bestellung (dbo)

Sat: Order Line > Roadshow > Default

Sat: Order > Roadshow > Default

No Datavault

Add Schedule

BASESCOPETIMING

Every: Day at

01234567891011121314151617181920212223

:

0123456789101112131415161718192021222324252627

ADD SCHEDULE

Job Properties

RoadshowDefault [RS_J_DEFAULT]

Automatically created job on system creation

DETAILS

Next run-

Last run31.05.2023 17:03:21

Last duration00:01:45

TRIGGERED BY

Jobs

Schedules

TRIGGERED ON COMPLETION

SQL query

Default SQL Query

Jobs

DVB_deployment_...zip

Datavaultbuilder_st...zip

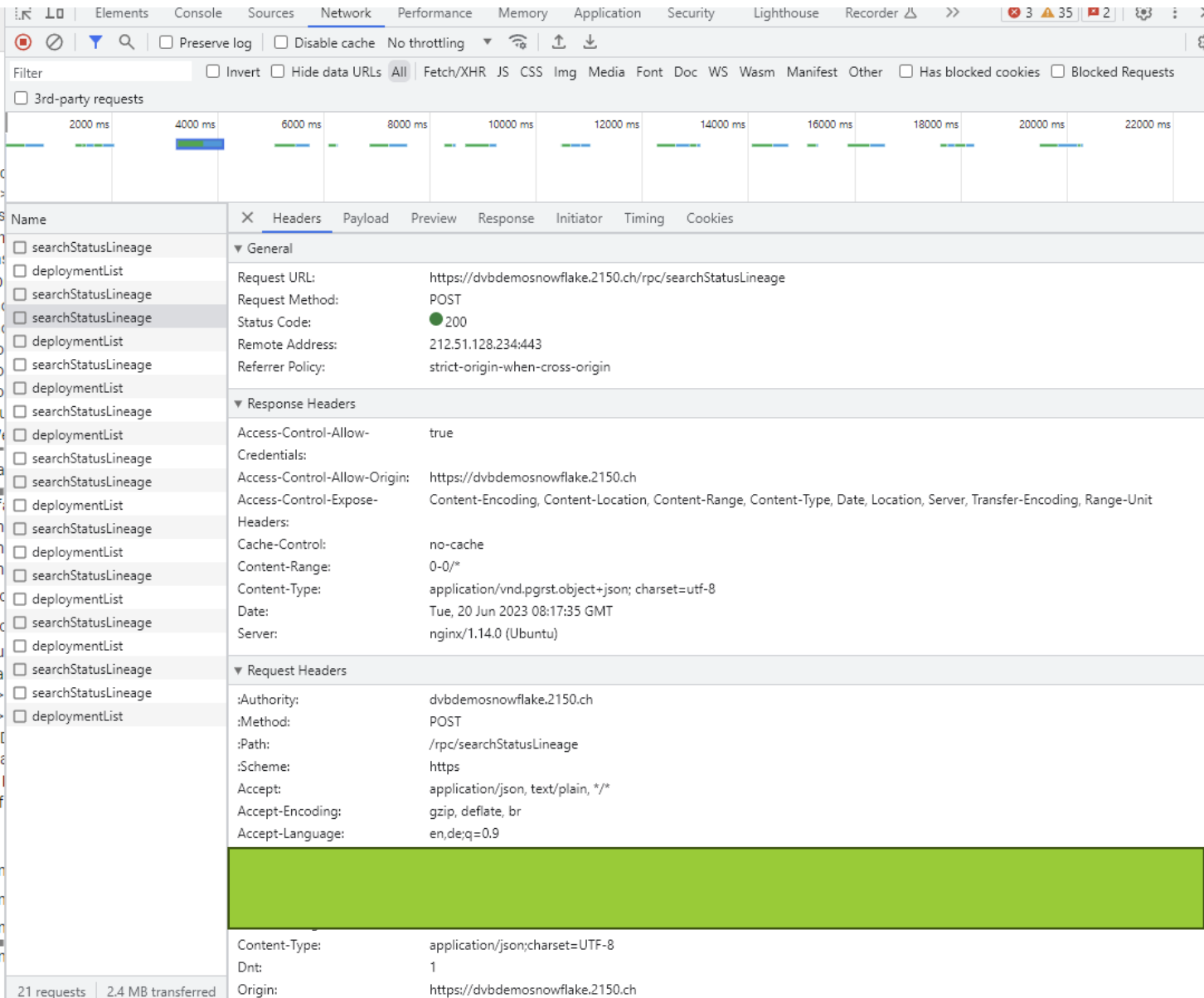
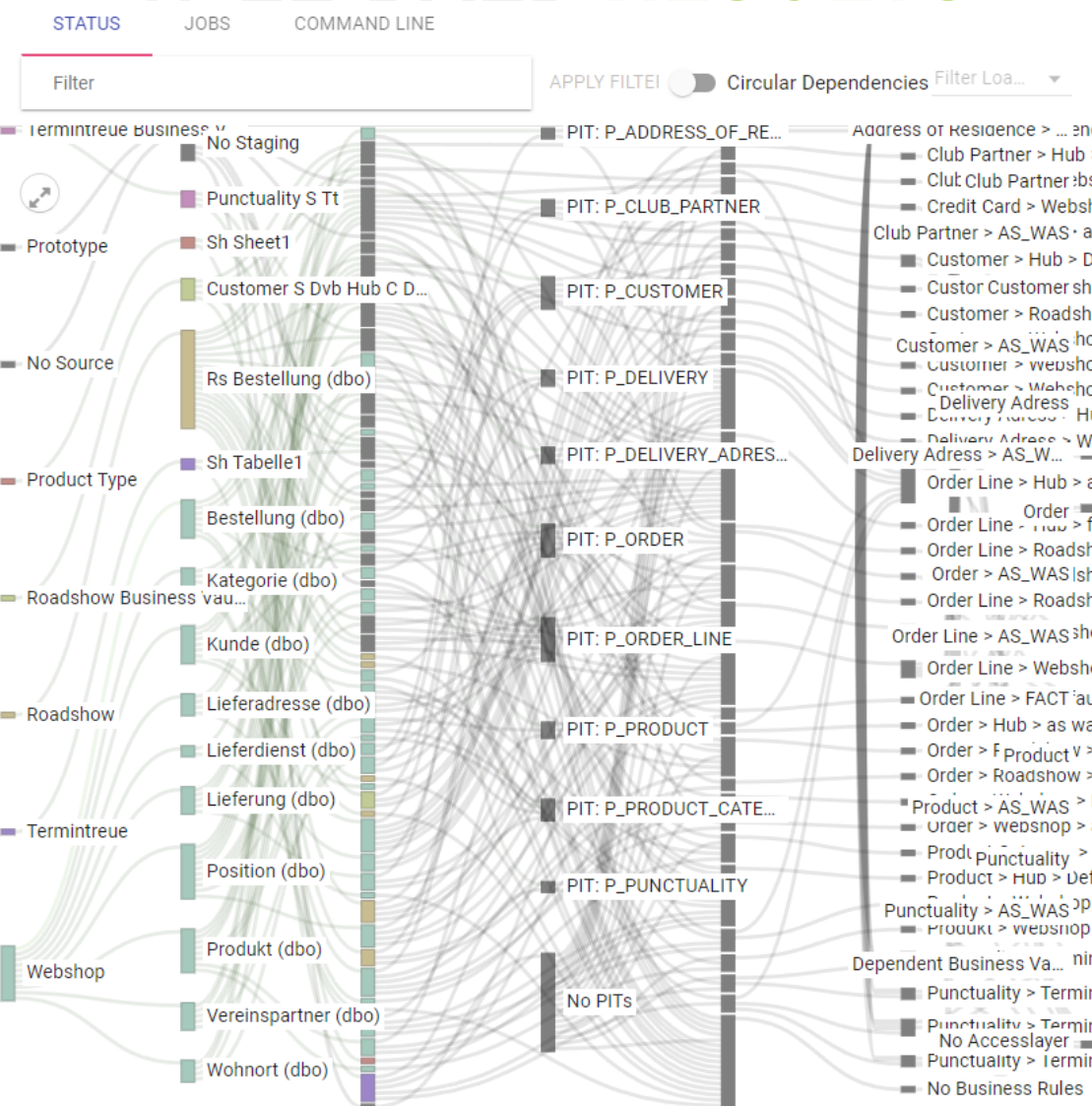
20230619_Datavau...zip

Show all

BUILT IN SCHEDULER

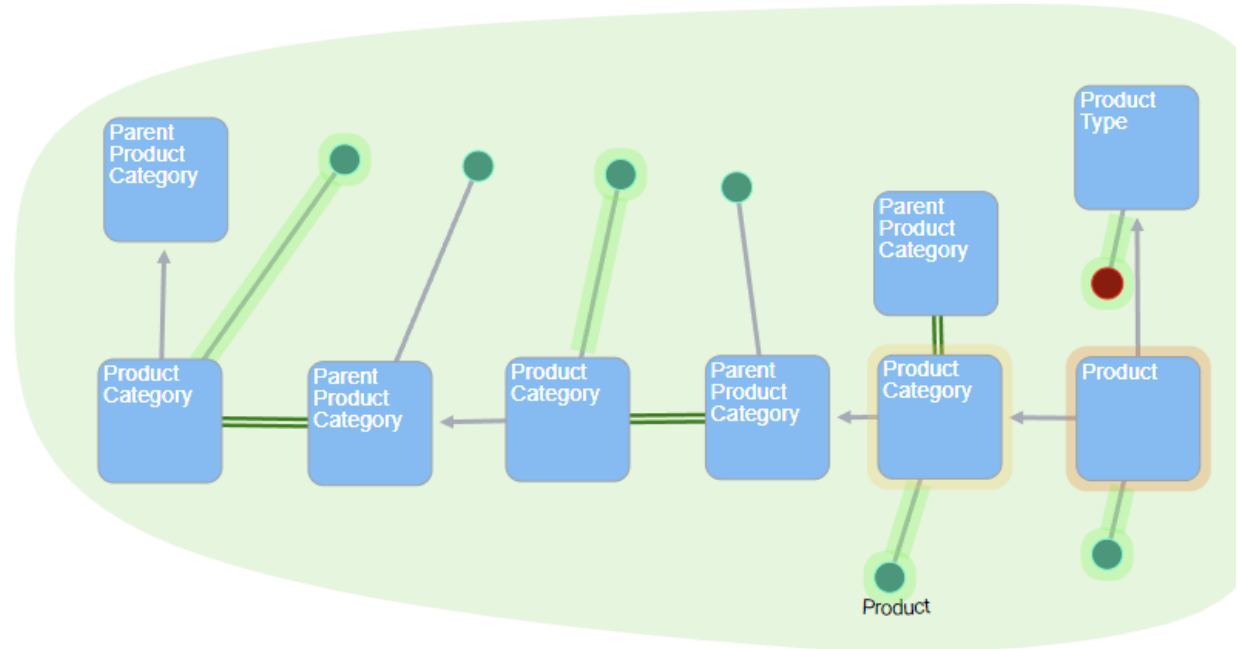
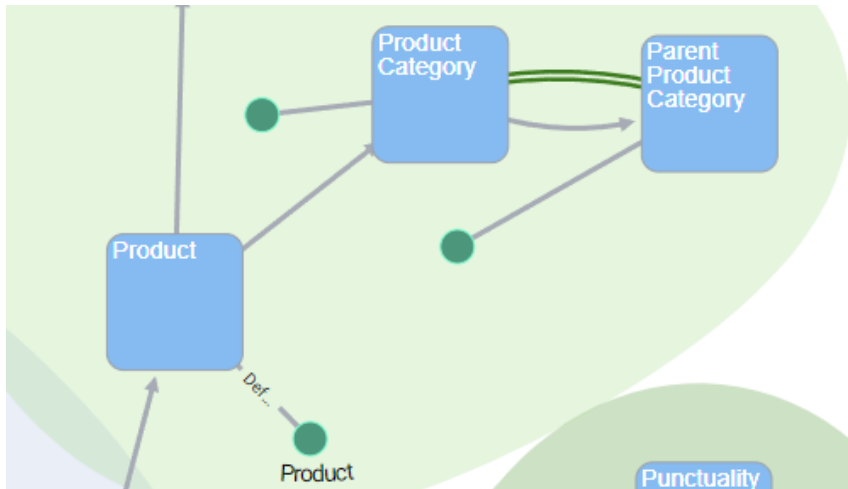


WILLIBALD RESULTS



Data Preview: Business Objects Columns								
CUSTOMER_S_DVB_HUB_C_AS_WAS_H_BKLT	Business Key for Hub Customer	CUSTOMER_S_DVB_HUB_C_AS_W...	CUSTOMER_S_DVB_HUB_C_AS_W...	ILS Customer - Webshop - Kunde	DLS Customer - Webshop - Kunde	LTS Customer - Webshop - Default	ITS Customer - Webshop - Default	KundeID2
	201							
201 & *#2022-03-12 00:00:00.000 +0100	201	2022-03-12 00:00:00.0	2022-03-19 00:00:00.0	2022-03-12 00:00:00.0	2023-04-27 14:43:12.431	2023-04-27 14:43:35.897	2022-03-12 00:00:00.0	201
201 & *#2022-03-19 00:00:00.000 +0100	201	2022-03-19 00:00:00.0	2022-03-26 00:00:00.0	2022-03-19 00:00:00.0	2023-04-27 14:54:25.582	2023-04-27 14:55:04.515	2022-03-19 00:00:00.0	201
201 & *#2022-03-26 00:00:00.000 +0100	201	2022-03-26 00:00:00.0	2022-12-31 00:00:00.0	2022-03-26 00:00:00.0	2023-05-31 17:04:13.763	2023-04-27 15:01:24.102	2022-03-26 00:00:00.0	201

SCD TYP 2 OUTPUT



HIERARCHICAL RELATIONS

Search

NEW SOURCE

ADD TABLE

Source Table	Source Schema
Roadshow Business Vault	ROADSHOW_BUSINESS_VAULT
Termintrue TT	
sh_Tabelle1	Default Schema
Termintrue Business Vault BVT	
Punctuality S Tt C As Was	Business_Rules
Webshop WS	
Bestellung	Dbo
Kategorie	Dbo
Kunde	Dbo
LieferDienst	Dbo
Lieferadresse	Dbo
Lieferung	Dbo
Position	Dbo
Produkt	Dbo
VereinsPartner	Dbo

Edit Table: **Kategorie**

BASE

COLUMNS

DETAILS

REVIEW

Source Schema

Source Table

Execute custom source query to retrieve available columns?

EXECUTE

```
SELECT
  rtrim([KatID]) [KatID],
  rtrim([ObenKatID]) [ObenKatID],
  rtrim([Name]) [Name],
  [CDC_INSCRIPTION_TIME]
FROM [dbo].[Kategorie]
```

Available columns: 0

ID	Name	Comme...	Source ...	Staging ...

Selected Columns: 0

ID	Name	Comme...	Source ...	Staging ...

test Load	Details	Action
00:04		
05.2023 17:03:30 00:04		
05.2023 17:03:20 00:06		
06.2023 09:57:34 00:06		
05.2023 17:03:45 00:04		
05.2023 17:03:36 00:04		
05.2023 17:03:45 00:04		
05.2023 17:03:44 00:04		
05.2023 17:03:30 00:05		
05.2023 17:03:33 00:06		
31.05.2023 17:03:41 00:00:04		
31.05.2023 17:03:41 00:00:04		

WILLIBALD RESULTS

First:

Thanks to Michal Müller and the DDVUG for creating such a nice sample case:

<https://github.com/m2data/Willibald-Data>

WILLIBALD RESULTS

Found and reported several data issues

Created reports

Delivered the right figures – confirmed by the business user

Recreated the case with all business know how as video

In 2:50 hours!

<https://www.youtube.com/watch?v=jKxxnUV1TU8>

TECHNICAL ARCHITECTURE

