

## Simplified Deployment

Compare two instances of Datavault Builder and select from the difference list what you want to deploy immediately or let you generate a deployment script. Assuming you have the relevant permissions, it executes the deployment directly against the target.

## Git Flow Based Deployment

Follow the state-of-the-art Git flow process for distributed and agile development and get fully supported by Datavault Builders GIT compatible model description packages. This special description packages allow to branch and merge data models.

Starting with version 7.1 Datavault Builder supports also direct GIT check-out and check-in.

## Automate your Deployment

All actions in the GUI can be triggered also by Rest APIs to achieve full CI/CD using pipeline tools like Jenkins, Azure DevOps or GitLab.

The screenshot shows the 'DEPLOYMENT' tab in the Datavault Builder interface. The top navigation bar includes STAGING, DATA VIEWER, DATAVAULT, DIMENSIONAL MODEL, BUSINESS RULES, DATA LINEAGE, OPERATIONS, DOCUMENTATION, and DEPLOYMENT. The current instance is 'dvbdemosnowflake.2150.ch (local)'. The interface displays a table of objects to be deployed, with columns for Domain, Object Type, Object Name, Object ID, Subject Area, Operation, and Deploy. The 'Order' hub is highlighted in green.

Domain	Object Type	Object Name	Object ID	Subject Area	Operation	Deploy
DataVault	Hub Load	Roadshow Business Vault: ORDER LINE RS CC MAPPING ("BRS", BestellungiD, ProduktID)	H_ORDER_LINE_S_ROADSHOW_BUSINESS_VAULT_R_ORDER_LINE_RS_CC_MAPPING		→ Create	<input type="checkbox"/>
DataVault	Hub Load	Roadshow: RS BESTELLUNG U DBO ("RS", BestellungiD, ProduktID)	H_ORDER_LINE_S_RS_R_RS_Bestellung_U_dbo		→ Create	<input type="checkbox"/>
DataVault	Hub Load	Webshop: POSITION U DBO (BestellungiD, PosID)	H_ORDER_LINE_S_WS_R_Position_U_dbo		→ Create	<input type="checkbox"/>
DataVault	Satellites					<input type="checkbox"/>
DataVault	Satellite		S_ORDER_LINE_S_ROADSHOW_BUSINESS_VAULT_R_ORDER_LINE_RS_CC_MAPPING	Sales	→ Create	<input type="checkbox"/>
DataVault	Satellite		S_ORDER_LINE_S_RS_R_RS_Bestellung_U_dbo	Sales	→ Create	<input type="checkbox"/>
DataVault	Satellite	Default of Position_U_dbo	S_ORDER_LINE_S_WS_R_Position_U_dbo	Sales	→ Create	<input type="checkbox"/>
DataVault	Hub	Order	H_ORDER	Sales	→ Create	<input checked="" type="checkbox"/>
DataVault	Hub Load	Roadshow Business Vault: ORDER LINE RS CC MAPPING ("BRS", BestellungiD)	H_ORDER_S_ROADSHOW_BUSINESS_VAULT_R_ORDER_LINE_RS_CC_MAPPING		→ Create	<input type="checkbox"/>
DataVault	Hub Load	Roadshow: RS BESTELLUNG U DBO ("RS", BestellungiD)	H_ORDER_S_RS_R_RS_Bestellung_U_dbo		→ Create	<input type="checkbox"/>
DataVault	Hub Load	Webshop: BESTELLUNG U DBO (BestellungiD)	H_ORDER_S_WS_R_Bestellung_U_dbo		→ Create	<input type="checkbox"/>
DataVault	Hub Load	Webshop: POSITION U DBO (BestellungiD)	H_ORDER_S_WS_R_Position_U_dbo		→ Create	<input type="checkbox"/>
DataVault	Satellites					<input type="checkbox"/>

Total Items: 235

Diff changes only (selected) Full Diff Selected Objects: 0

```
{
  hub_id: "H_ORDER",
  hub_name: "Order",
  hub_comment: "",
  hub_subject_area_name: "Sales"
}
```

```
{
  hub_id: "H_ORDER",
  hub_name: "Order",
  hub_comment: "",
  hub_subject_area_name: "Sales"
}
```

```
{}
```