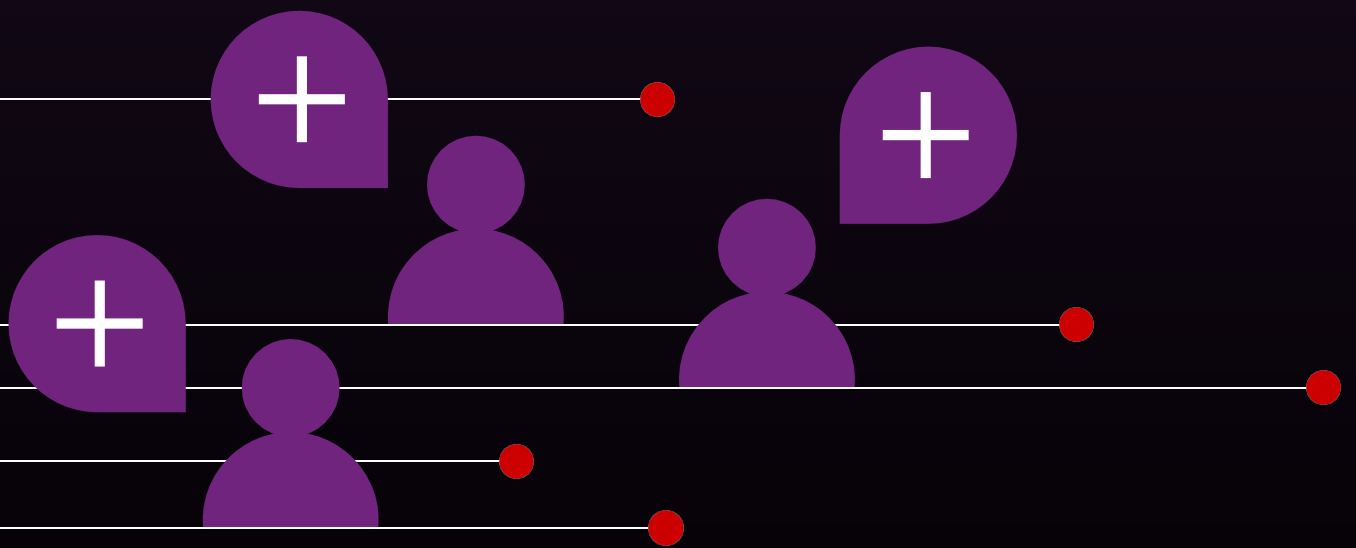




VaultSpeed Studio

Custom PIT



USE CASE FOR THIS TEMPLATE

This document describes how a user can configure a template in the VaultSpeed Studio to create a custom PIT based on an insert-only RDV.

A custom PIT is required to be created when you have calculated SATs

Before you explore and use this example template, ensure that you understand the example SQL attached to understand what the template does and that it covers your needs.

This template is designed for:

- Creation of a physical table
- Based on a HUB

Example

The example that is used in this document is based on patient info.

In the Raw Data Vault model this is a HUB_PATIENT.

Components of the implementation

- Create the Template
- Create Target definition
- Fill in the Dependency

Create Signature objects

For this template implementation, there is no need for specific signature objects.

Signature objects are assigned

For this template implementation, there is no need for specific signature objects.

Create a Signature attribute type and flag the usage in the requested fields

No signature attribute required

Create the template

Template definition, according to the standard that you want to use. An essential element here is the Signature Object naming. That name is used in the .dvt file containing the template's definition. You might want or need a different name if you have multiple implementations. But then you must adapt the template file accordingly and replace all the <signature object name> references with your chosen name.

In the example, we use CPIT, because this is a calculated satellite based on a SAT.

Name									
PIT	custom point i...	CPIT	PIT	TABLE	ALL	BUSINESS_VA...	Snowflake	Hubs	

Ensure you have this use case's latest version from the following location:

<https://github.com/Vaultspeed/studio-templates> .








Each of our templates has its folder where the code resides.

Fill in the Target Definition

The target definition is very specific to the template:

Signature Object	Signature Attribute
SAT	LOAD_TIMESTAMP
HUB	OBJECT_H_KEY

Add new attributes for the business logic that you want to implement

Unique	Name	Prefix	Suffix	Signature Object	Signature Attribute	Data Type
	SNAPSHOT_DATE					TIMESTAMP
	PIT_HKEY					STRING
	END_SNAPSHOT_DATE					TIMESTAMP
			CALC	SAT	LOAD_TIMESTAMP	
		SAT	CALC	SAT	OBJECT_H_KEY	
		SAT		SAT	OBJECT_H_KEY	STRING
		HUB		HUB	OBJECT_H_KEY	STRING

Fill in the Dependency

Define on which HUB table this template must be implemented.