

Business Use Case flow with DNG

This page outlines the steps to set up a Jazz platform. The abbreviations used in the description are detailed below:

- TWC - [Teamwork Cloud Server](#)
- DNG - Doors Next Generation

First, in Doors Next Generation, you must establish:

- Server-level friendship between TWC-DNG
- Project-level relationship between TWC-DNG



OSLC root services URI pattern

OSLC root services document URI can be found using the following pattern - `http(s)://TWC_IP:PORT/oslc/rootservices`. For more information, see [OSLC API](#).

You must also [publish the project as an OSLC resource in Cameo Collaborator for Teamwork Cloud](#).

After establishing server and project-level relationships, open your modeling tool ([MagicDraw](#), [Cameo Systems Modeler](#), or [Cameo Enterprise Architecture](#)), and perform the following steps:

1. Add requirements (import or sync) from DNG through DataHub as described at [Adding IBM Rational DOORS Next Generation Data Sources](#).
2. Copy requirements from DataHub to your model as described at [Copy Data with Sync operations](#).



The adding of requirements has been enhanced during OSLC consumer implementation in version 19.0. Users are able to see the DNG requirement's OSLC Previews in the [OSLC Preview](#) tab of a modeling tool.

3. After importing requirement(s) to your model under the Copy Data with Sync mode, create «Satisfy» relationships to/from those requirements to system model elements.



Currently, only SysML's «Satisfy» is fully covered under this Business Case.

4. Synchronize changes back to the DNG side, as described at [Synchronizing Requirements](#).
5. After the synchronization, the changed requirement's properties will be reflected on the DNG's requirements artifact. Additionally, an OSLC backlink is created in DNG. Thus, if the «Satisfy» relationship between a Block and Requirement <R> was established in your model, a backlink relationship «Satisfied by» is created in DNG, pointing to the Block's identifier, which in OSLC's context is an http URL.



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6. The figure below depicts an OSLC UI preview of the linked Block .(this is not a CC preview!):

381: BrakeSubsystem

BrakeSubsystem

Characteristics

Name

BrakeSubsystem

Owner

HSUV Structure

Is Encapsulated

Image

Documentation

Hyperlinks

Attributes table

| # | Name | Type | Default Value | Document |
|---|-----------------|------|---------------|----------|
| 1 | HSUVModel::HSUV | | | |

Search Artifacts

Edit

7: Requirements for SUV regenerative braking

gs Defined

WC OSLC Project

ership: TWC OSLC Project

May 20, 2018, 6:10:59 PM

auth_team

May 20, 2018, 6:10:59 PM

auth_team

Requirement

Text

S

ed By Architecture Element (1)

<https://10.2.2.44:8111/oslc/am/dd20953c-1241-4a54-82ed-095ae601b516/7503d1c77438-4ad4-b496-df8cb04392d1>