

dITo: communicate deleted objects of datamodel to target system

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BE CAREFUL, BACKUP as often as possible.

1 Prolog

1.1 the DITo initiative: a mutual share of knowhow and experience

Instead of waiting for CPWR to provide some solution, **do IT yourself** (dITo) invites to share all you know about unifaceLand with the community.

1.2 the DITo Contact



eMail to ulrichmerkel@web.de; see www.uli-merkel.de for more about dITo.

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2 How to transfer a no longer existing object?

On the uniface.info wishlist we can find:

export/import

Posted on January 2, 2014 by morauf

Description

The export/import of a complete model does not remove the deleted fields on the target System.

2.1 Export the datamodel

The usual import/export is based on the /cpy mechanism and just adds or updates "records" in database tables. It does not care about context, datamodels etc.

2.2 Generate a CASE unload (CIF) file

But the Case Bridge provides an option to handle the case. Case Bridge is used when we use the Load/Unload CASE option in the IDF.

2.3 Append a cleanup command to the CIF file

All we have to do manually is to append a "cleanup" command to the generated CIF file when unloading a complete Datamodel:

SC mymodel

2.4 BACKUP your Model in the target system

Do it the responsible way. Export the data for your datamodel (old version).

2.5 Load the enhanced CIF into the target system

When we load this modified CIF file on our target system, all not mentioned objects of the Datamodel "mymodel" are removed from the repository.

2.6 Import the Datamodel

But as we learned from the documentation which last update was in 1999, **there is no guarantee that all the new fields which were added to the repository with version 8 and 9 are included in the CIF file.**

So after loading the CIF file to delete "dead" objects, we run the normal import to transfer the new and updated info from the repository.

2.7 Screencast available on www.uli-merkel.de

A short screencast is available under the name [140102-dito-export-and-cif.zip](#)

3 Documentations used

3.1 *.CIF: The Uniface “Case Bridge” file

With Uniface 7, there was a CBC.PDF titled “CASE Bridge Cookbook” which holds the syntax for exchanging information of the datamodel on a “per entity” granularity.

Cleanup option: The documentation (10203007203-01, Revision 1, Feb 1999 CBC) says in chapter 2.4.2 Modification codes:

Clean (C)

Use modification code C to ‘clean’ a complete model or entity. If you clean a model, all its associated entities that are unaffected by the CIF file are removed.

If you clean an entity, all its associated fields, keys, and relationships unaffected by the CIF file are removed.

You can only clean fields, keys, relationships, or templates as part of an application model or entity. Information codes are not needed when cleaning models or entities.

You can clean a model or entity in the following ways:

1. Remove the model or entity. The CIF record you use to remove your model or entity is in a different CIF file than that containing the new record or records.

2. Enter the new record or records.

or:

1. Enter the new records.

2. Clean the model or entity. The CIF record you use to clean your model or entity is in the same CIF file as the new records, and located after the new records

3.2 Case #00765063: "Case bridge documentation for UF9"

Asking for an updated documentation of CIF for Uniface 9, I got the reply:

I discussed this with our Product Manager, and here is our official statement :

- > This is functionality which has been kept in the product for compatibility reasons for
- > specific customers who still use the functionality.

- >

- > We no longer publish the case bridge cookbook, and we’re not intending on publishing
- > it in the future, as it is not seen as core functionality.

- >

- > We are not planning on publishing details on CIF or samples, it will be removed from
- > the product in the future.

- >

- > If you have a business reason why this product direction should be changed, please
- > discuss with your commercial account manager so he can work with you to make a

- > business case.

"it will be removed from the product in the future " so we may not have this important option any more, but there will be no functional replacement.