

Multi-fact Table Home

i2b2 Multiple Fact Tables

Project Name:	Multi-fact table	Repository Location:	https://github.com/i2b2/i2b2-core-server
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Project Summary

The multi-fact table project is a new feature that has been added to version 1.7.09 of the i2b2. Prior to this release, the i2b2 star schema could only support one fact table (observation_fact). We have noticed an increasing need for the i2b2 to be able to search multiple fact tables with a single query. The i2b2 server has been updated to allow those sites that want to use multiple fact tables will have the option to do so. This new feature enables the i2b2 to adapt to the needs of such projects as the Patient Centered Outcome Research Institute (PCORI) network and the Observational Medical Outcomes Partnership (OMOP) Common Data Model (CDM). It can also be used for sites that want to be able to query both genomic and phenotype data but don't want the data to reside in a single table.

Starting with 1.7.12 version, you can set *multifacttable* parameter in *hive_cell_params* table. Using SQL editor, update the param_name_cd *queryprocessor.multifacttable* value to true

example Oracle syntax:

Example Oracle syntax

```
UPDATE hive_cell_params
```

set value ='true' where param_name_cd ='queryprocessor.multifacttable' and cell_id ='CRC';

Script Output X Query Result X All Rows Fetched: 70 in 0.051 seconds

ID	DATATYPE_CD	CELL_ID	PARAM_NAME_CD	VALUE	CHANGE_DATE	ENTRY_DATE	CHANGEBY_CHAR	STATUS_CD
42	T	CRC	I2B2 MESSAGE STATUS QUEUED	QUEUED	(null)	(null)	(null)	A
44	T	CRC	ONT ontologv.terminal.delimiter	true	(null)	(null)	(null)	A
53	U	ONT	ontologv.ws.dm.url	/services/PMService/getServices	(null)	(null)	(null)	A
36	T	CRC	quervdprocessor.indi.pdoquervlocal	ejb.quervtool.PdoQuervLocal	(null)	(null)	(null)	A
30	T	CRC	quervdprocessor.indi.quervexecutormdblocal	ejb.quervtool.QuervExecutorM...	(null)	(null)	(null)	A
38	T	CRC	quervdprocessor.indi.quervexecutormdbremote	ejb.quervtool.QuervExecutorM...	(null)	(null)	(null)	A
32	T	CRC	quervdprocessor.indi.quervmasterlocal	ejb.quervtool.QuervMasterLocal	(null)	(null)	(null)	A
35	T	CRC	quervdprocessor.indi.quervresultlocal	ejb.quervtool.QuervResultLocal	(null)	(null)	(null)	A
34	T	CRC	quervdprocessor.indi.quervrunlocal	ejb.quervtool.QuervRunLocal	(null)	(null)	(null)	A
39	T	CRC	quervdprocessor.indi.queue.connectionfactory	ConnectionFactory	(null)	(null)	(null)	A
41	T	CRC	quervdprocessor.indi.queue.executor queue	queue/jms.quervtool.QuervExe...	(null)	(null)	(null)	A
40	T	CRC	quervdprocessor.indi.queue.response queue	queue/jms.quervtool.QuervRes...	(null)	(null)	(null)	A
43	T	CRC	quervdprocessor.ws.dm.url	true	(null)	(null)	(null)	A
50	U	CRC	quervdprocessor.ws.dm.url	/services/OntologvService/de...	(null)	(null)	(null)	A
51	U	CRC	quervdprocessor.ws.dm.url	/services/PMService/getServices	(null)	(null)	(null)	A
52	U	WORK	workplace.ws.dm.url	/services/PMService/getServices	(null)	(null)	(null)	A
68	U	IM	im.ws.dm.url	/services/PMService/getServices	(null)	(null)	(null)	A
69	T	IM	im.checkPatientInProject	true	(null)	(null)	(null)	A
70	T	IM	im.empi.service	none	(null)	(null)	(null)	A

Running: seConnectors\230radem pr - Log

Deprecated Feature

Prior to 1.7.12 , the parameter *"queryprocessor.multifacttable"* was set in crc.properties file. The setting is now configurable in the database.

 Beginning in 1.7.12, the CRC properties are in the database! See [this link](#).