1. Formula Field Update

What is Salesforce Formula Fields

Salesforce Formula Field is a read-only field that derives its value from a formula expression defined by a user. The formula field is updated when any of the source fields change. Sometimes users need to change the value based on the other source field value then we need a formula field.

Need for Formula Field Update during Replication

While running sync using DBSync On-premise Replication, the formula field driven by the value from the formula expression is also required to be stored in the database to understand the reason behind data variations in respective objects and fields.

Steps to follow

Any modifications in the formula field can be updated and saved in the database using DBSync On-premise Replication with just a couple of clicks. Command to update formula field can be run across the application in multiple ways as mentioned below

- 1. Add App Page
 - a. Select profile using the checkbox.
 - b. The 'Run All' button will now be active state, click on this button.
 - c. Select the last option in the dropdown 'Update Formula Fields' for the selected profile.
 - d. The user will now be navigated to the logs page to see the update.

←	\rightarrow	C	Iocalhost:8080/dbsync/home				☆ 🖬 🛊 🔮	
H A	ops	M Gr	mail				🖽 Read	ding lis [,]
(db) Sync	≡	Sale	esforce Replication			?	Salesforce Replica	ation
					> Manage License > Update Source Identifier. Contact sales@mydbsync.com for further assistance.			
283	V	lelc	ome, admin@localhost					
3		Ap	pps				Run All - Add App	
							Update Schema	
							Clean Copy	
	0		Profile Name	It App	Sync Details		Source to DB	
		2	prod	Salesforce	May 27 2021 09:48:46 UTC			
	C		snowfike	Salesforce	May 27 2021 10:59:49 UTC		DB to Source	
	C		test	Salesforce	May 27 2021 11:16:37 UTC		Metadata Backup	
	Vi	ews 10	Showing 1 to 3 of 3 entries				Update Formula Fields	
							Windows ngs to activate Windows.	

Fig 1: Add App page with an active dropdown view to 'Update Formula Field'

2. Object Page

- a. The 'Run All' button will now be active state post objects selection, click on this button
- b. Select the last option in the dropdown 'Update Formula Fields' for the selected profile.
- c. A pop-up message asking for validation will be shown. Click on the 'Update' button to proceed.
- d. The user will now be navigated to the logs page to see the update.

\leftarrow	→ C ③ localhost:8080/dbsync/profile/test/obj	ects				☆ 🗟 🛪 😩 :
	Apps 附 Gmail					III Reading list
(db) sym2		Restore Metadata Schedule Jobs Notifica	ition Logs		?	Salesforce Replication
	Objects	Object/Table None				Metadata Run -
	Q. Find Objects	Available Fields	Count 0		Excluded Fields	Update Schema
	Select All 275 selected			►		Clean Copy
	Maccount			*		Source to DB (Incremental)
â	MaccountCleanInfo					DB to Source
	MaccountContactRole					
	MaccountFeed			•		Metadata Backup
	MaccountHistory					Update Formula Fields
	MadditionalNumber			**		
	Mannouncement					
	Market ApexClass					
	Mage: ApexComponent					
	🖌 ApexPage					
	Mager ApexTrigger	Filter Criteria				Preview
	AppAnalyticsQueryRequest					
	😴 Asset					
	Set Feed					
	SetHistory				Activate V	lindows
	Sector AssetRelationship				Go to Setting	s to activate Windows.

Fig 2: Object page with an active dropdown view to 'Update Formula Field'

3. Logs Page

a. Select profile using the checkbox.

- b. The 'Run All' button will now be active state, click on this button.
- c. Select the last option in the dropdown 'Update Formula Fields' for the selected profile.
- d. The user will be able to view the progress and update the logs as the command gets executed.

	C (localhost:8080/dbsync/profile/logs						🖈 🖪 🗯 🚨
db) ≡	Sales	force Replication				?	a - 💿	Salesforce Replication
							🔒 Clear Lo	gs 📑 Export
23	Q Sea	rch by the profile Go	Start Date to 🛗 End Date	Find		Auto Re	fresh Logs ON	Refresh Logs
ай		Profile Name 1 Command 1 Progress		Status 🔐	Start Date	↓# End Date	11	Duration Actions
		test formula_update 100% 276/	276	Completed	May 27 2021 11:13	30 UTC May 27 20	21 11:16:37 UTC	💿 3m 7s 🔔
	S.No	Object	Progress [276 Success, O Error]	5	Itatus	Description		Elapsed
	1	API Usage	100% 672/100000	2	Success	Completed		🖹 2m 9s
	2	Account	100% 53/53		Success	Completed		🗵 0m 7s
	3	AccountCleanInfo	100% 0/0		iuccess	Completed		🗷 0m 1s
	4	AccountContactRole	100% 0/0	-	Success	Completed		₹ 0m 2s
	5	AccountFeed	100% 21/21		Success	Completed		🖹 Om 6s
	6	AccountHistory	100% 0/0	DBS	ync SaaS Backup & A	rchive 7.0 - Work - Micros	Activate Wind	OV gSom Os activate Windows.

Fig 3: Log page with an active dropdown view to 'Update Formula Field'