Developer Console for Admins





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KnowledgeNet.ai













What is the Developer Console?



Query Editor

- View data and fields that aren't on a layout
- Modify records
- Insert records
- Go directly to view / edit pages
- Workbench is off platform



Quick SOQL Primer

SELECT field1__c, field2__c

FROM ObjectName

WHERE <criteria>

ORDER BY <criteria>

LIMIT 100



When reports are written poorly and run poorly people tend to think that the system is "just slow."



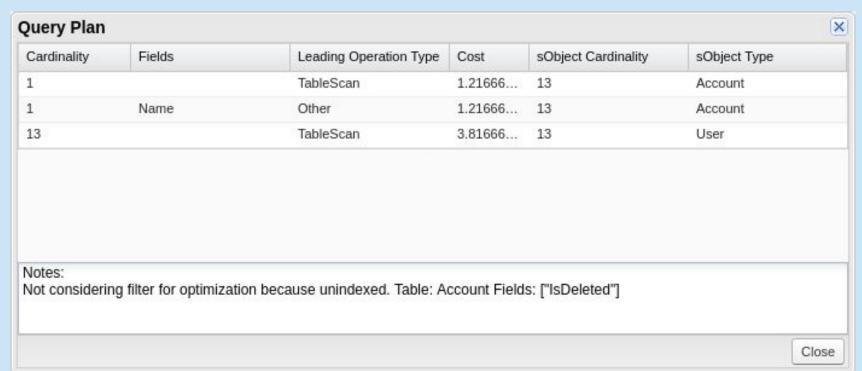
How to Read the Query Plan

- Cost Higher the number the more time it takes
- Leading Operation Type Index is fastest, TableScan is the slowest





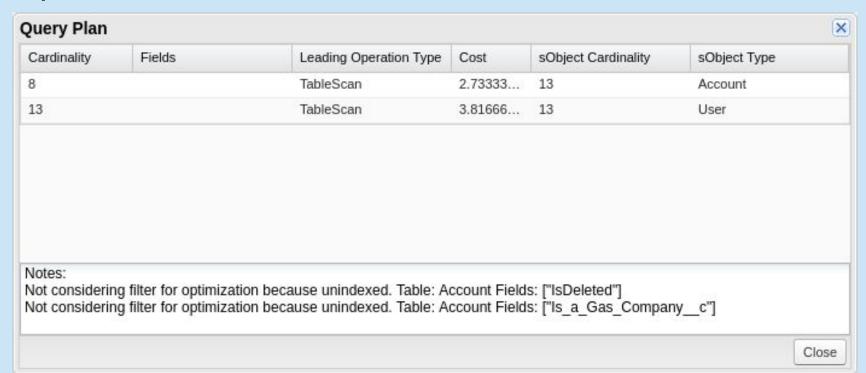






Query Plan × Leading Operation Type Cardinality Fields Cost sObject Cardinality sObject Type 1.21666... TableScan 13 Account 13 TableScan 3.81666... 13 User 12 Ownerld Index 13 Account Notes: Not considering filter for optimization because unindexed. Table: Account Fields: ["IsDeleted"] Not considering filter for optimization because unindexed. Table: Account Fields: ["Industry"] Close







List View Performance

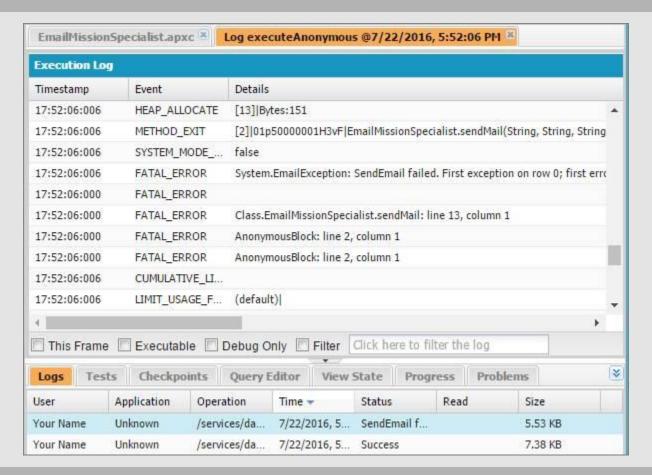
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Notes: Not considering filter for optimization because unindexed. Table: Account Fields: ["IsDeleted"]	13		TableScan	6.63333	13	User
Not considering filter for optimization because unindexed. Table: Account Fields: ["IsDeleted"]						



Logging

- Useful for debugging issues
- Data can be saved and sent to integrators







Testing

- View test coverage percentage
- Run test suites



Logs	Tests	Checkpoints	Query Editor	View State	Progress	Problems							*
Status	Test Run			Enqueued Time		Duration	Failures	Total		Overall Code Coverage	50	192	»
×	□ 🕣 707	'R000000056dH		Tue Dec 15 201	15 23:28:28 GN	4T	0	2	*	Class	Percent	Lines	
×	→ AwesomeClassTest AwesomeClassTest Amena						1	4		Account_After_Insert_Trg	100%	2/2	
×		🔄 testAFailingTest				0:00				AwesomeClass	100%	3/3	
*	testMyAwesomeMethod					0:00				ComplexBatch	0%	0/9	
*	testMyAwesomeMethodIfFalse					0:00				SimpleQueueable 0		0/8	
*		testMyAwesome	MethodIfTrue			0:00				TestUtil	0%	0/25	
~	H	SampleClassTest					0	2	~	Util	0%	0/4	*



More Reading

Available at https://connelly.dev/presentations

- SOQL Reference
- SOQL Trailhead
- Query Plan FAQ
- Improving Report Performance
- Logs Tab
- Generate and Analyze Logs
- Tests Tab
- Checking Code Coverage

