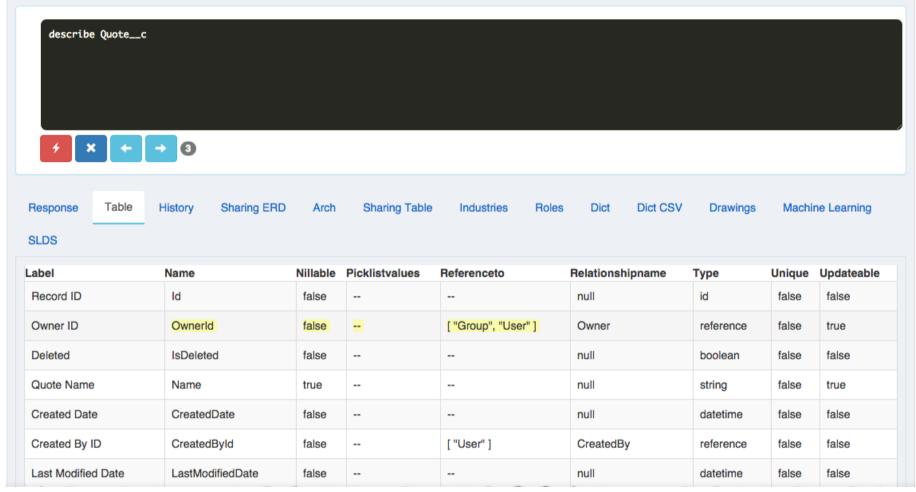
Access grants tables

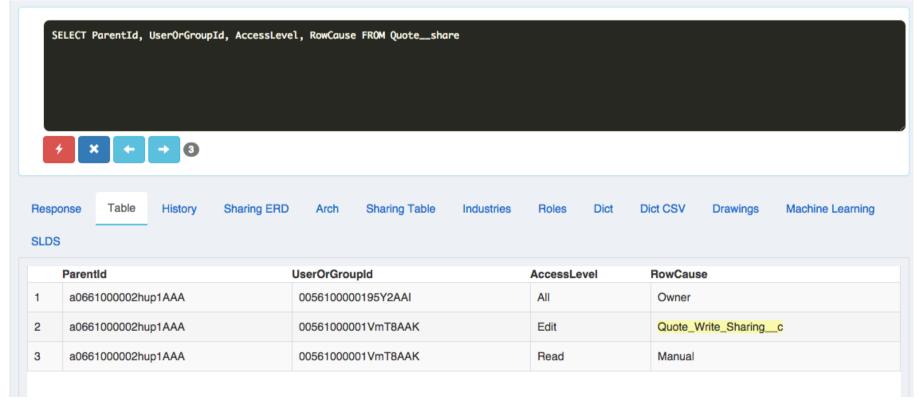
- Object Record Tables: Example: Quote__c
 - Store records of the object
 - Has record ownership field: Ownerld referencing to ["Group", "User"]
 - Ownerld is base field on which Platform's sharing is built-on
- Object Sharing Tables: Example: Quote__Share
 - Store data that supports:
 - explicit grants
 - implicit grants
 - Each Object (thus Object Record Table) has its own Object Sharing table (unless the object is a detail in a master-detail relationship)
 - o In master-detail relationships, the Object Sharing table for the master object controls access to the detail object since the detail objects do not have Ownerld field.
- Group Maintenance Tables
 - store the data supporting:
 - group membership
 - inherited access grants

Table	Function				
Object Sharing Tables	Store access grants to individuals and groups. Each of rows (called sharing rows) grants a user or group access to a particular record				
Group Maintenance Tables	Store the list of users or groups that belong to each group, indicating group membership . Single group membership or inherited access grant can give several users and groups multiple ways to access a record. Also includes including system-defined group. System-defined groups are groups of users that Salesforce creates and manages internally to support various features and behaviors, such as queues and hierarchies. For every node in role hierarchy, 2 types of system-defined groups is used: Role groups and RoleAndSubordinates groups				

Object Record Table: Quote__c:

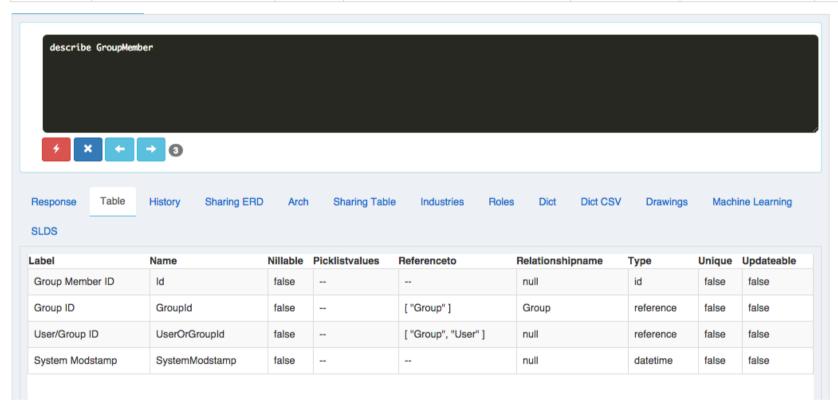


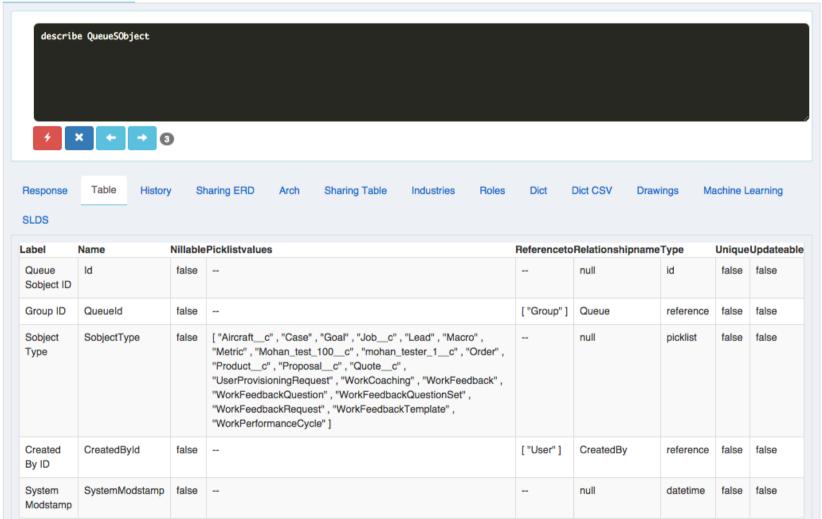
Object Sharing Table: Quote__sharing:

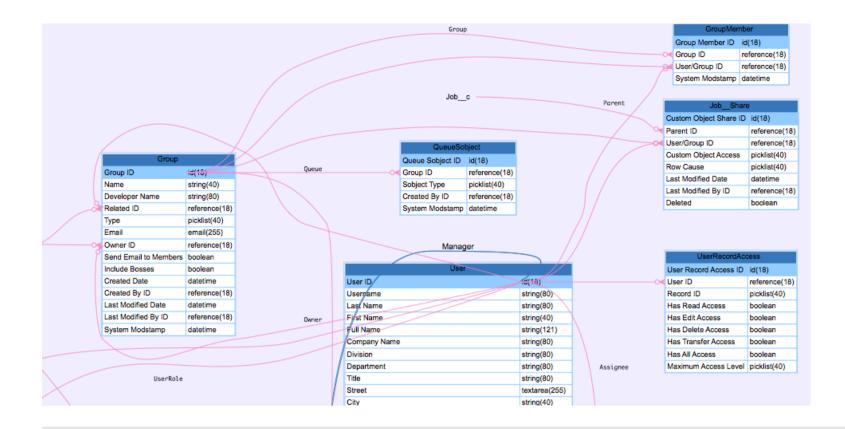


Group Maintenance Tables: Group and GroupMember:

Label	Name	Nillable	Picklistvalues	Referenceto	Relationshipname	Туре	Unique	Updateable
Group ID	ld	FALSE			null	id	FALSE	FALSE
Name	Name	FALSE			null	string	FALSE	TRUE
Developer Name	DeveloperName	TRUE			null	string	FALSE	TRUE
Related ID	RelatedId	TRUE		["User", "UserRole"]	null	reference	FALSE	FALSE
Туре	Туре	FALSE	["AllCustomerPortal", "CollaborationGroup", "Manager", "ManagerAndSubordinatesInternal", "Organization", "Queue", "Regular", "Role", "RoleAndSubordinates", "RoleAndSubordinatesInternal", "SharingRuleGroup", "Territory", "TerritoryAndSubordinates"]		null	picklist	FALSE	FALSE
Email	Email	TRUE			null	email	FALSE	TRUE
Owner ID	Ownerld	FALSE		["Organization", "User"]	Owner	reference	FALSE	FALSE
Send Email to Members	DoesSendEmailToMembers	FALSE			null	boolean	FALSE	TRUE
Include Bosses	DoesIncludeBosses	FALSE			null	boolean	FALSE	TRUE







How Salesforce joins entities to providing access to record (RecordId) of ObjectRecordTable:

- Org wide Filter: orgld
- Logged in user: userId
- Get the **OwnerId** of the record (recordId) the user seeking access from ObjectRecordTable (**recordId**, **OwnerId**, ...)

- record must exist
- either the Object Sharing Table or the Group Maintenance tables must grant access

