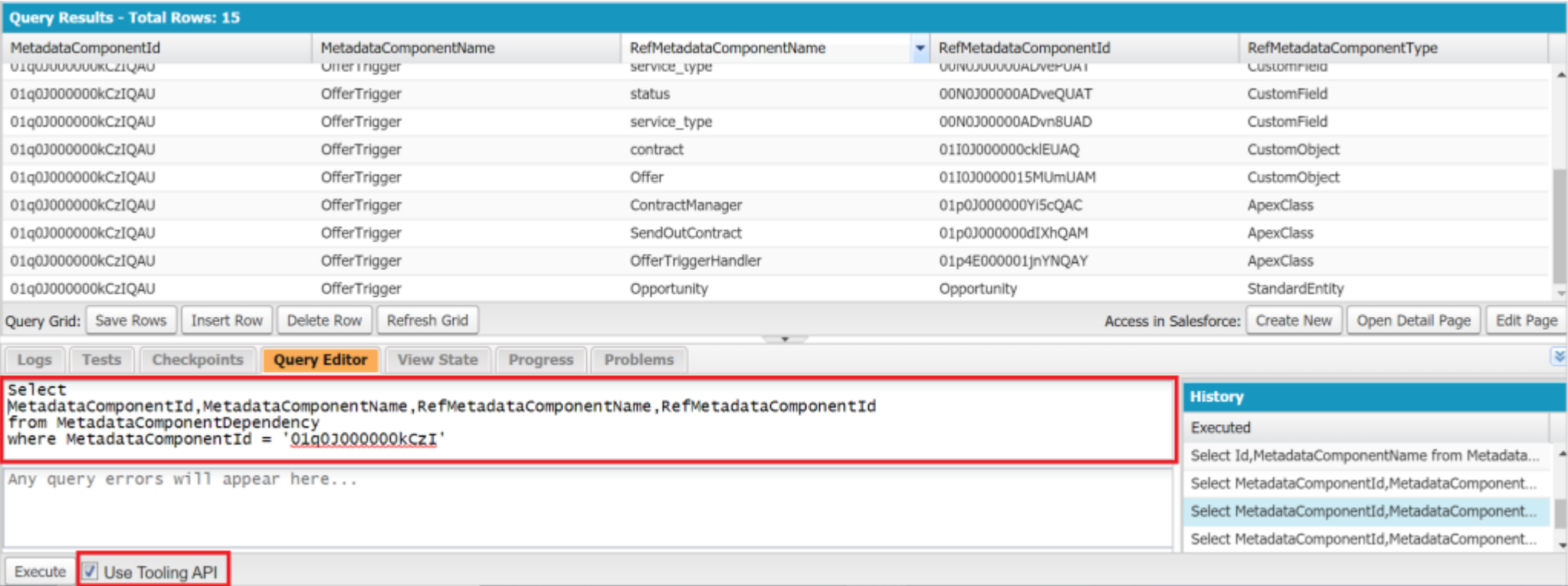# Dependency API : Find all the referenced Metadata!

We are all well aware about dependencies when it comes to implementing a solution. Now imagine you have to make a change in the solution that you implemented and you are not sure what are all the different metadata components that are being referenced be it in an Apex class or a flow.

Well, you are in luck. In Winter '20, Salesforce released a really interesting feature called Dependency API, still in beta though. Using Metadata Dependency API, you can query all the referenced metadata in a component. All these dependencies are stored are records in MetadataComponentDependency. Refer this link to understand about all the fields present on the this MetadataComponentDependency object.

How to make this query?

Well you can directly make the query from your Developer Console from the Query Editor, but you will have to **check the 'Tooling API' checkbox.**

```
Select MetadataComponentId,MetadataComponentName,RefMetadataComponentName,RefMetadataComponentId
from MetadataComponentDependency
where MetadataComponentId = '01q0J000000kCzI'
```


You can also use Rest API or Salesforce CLI for making the queries.

Consideration and Limitations:

It's important to note these considerations and limitations so that you can understand for what uses cases you can use this to your advantage.

- The feature is still in BETA. It's only available in Sandboxes right now, you will not able to use it in Production environments and neither in Developer editions(You will get an error: 'Dependency API not enabled.'). It is planned to go GA in next release.
- There are certain limitations regarding the SOQL queries that you can make, read here.