



Specifying Timeout in Power BI for Large Queries

Technical Note: TA2019004



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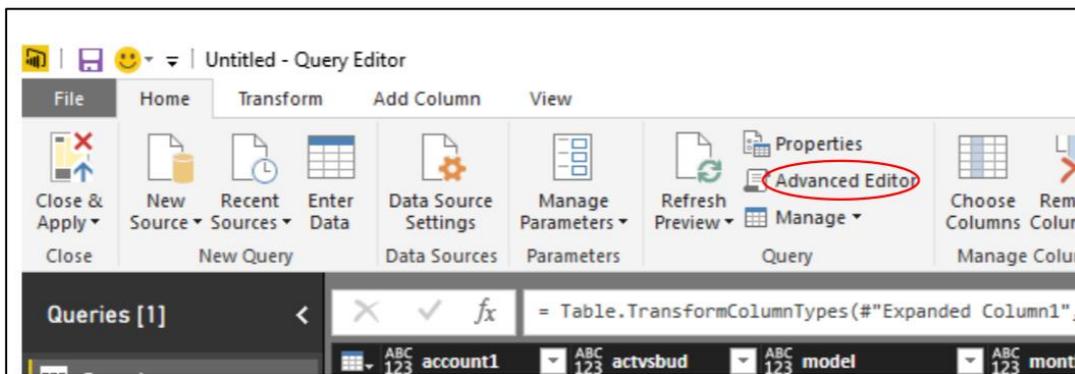
1.0 Overview

Power BI has a default timeout of 100 seconds with Web data sources. This will cause timeout issues when dealing with large queries or a slow response from the TM1 Rest API. The slow response of TM1 can be attributed to many factors such as heavy rules computation or a slow network connectivity if TMVGate and TM1 server are on two separate physical locations.

Unfortunately, Power BI does not have an exposed parameter that will allow you to specify the Timeout duration. This has to be entered directly by editing the query statements.

2.0 Specifying the Timeout Parameter

The document assumes that you have already defined the Power BI Web data source with a TMVGate URL query statements. Click on the “Advance Editor” in the Query Editor.



This is what you will see in the Advance Editor. The statements are the steps you have performed to define the data structure from TMVGate extract.



On the 2nd statement, you will find “**Source = JSON.Document.....**”. Scroll all the way to the right till the end of this statement, which will look something like the following:

ByCountry&pPrivate=False&pFormat=JSON&pAlias=")),

Modify this statement by adding this parameter:

ByCountry&pPrivate=False&pFormat=JSON&pAlias=",[Timeout=#duration(0, 0, 15, 0))],



This will effectively change the timeout of Power BI to 15 minutes.

The Parameter has the following syntax:

Timeout=#duration(days,hours,minutes,seconds)
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Save the query and start visualizing your data.