

# Ensek Test Exercise

## Purpose:

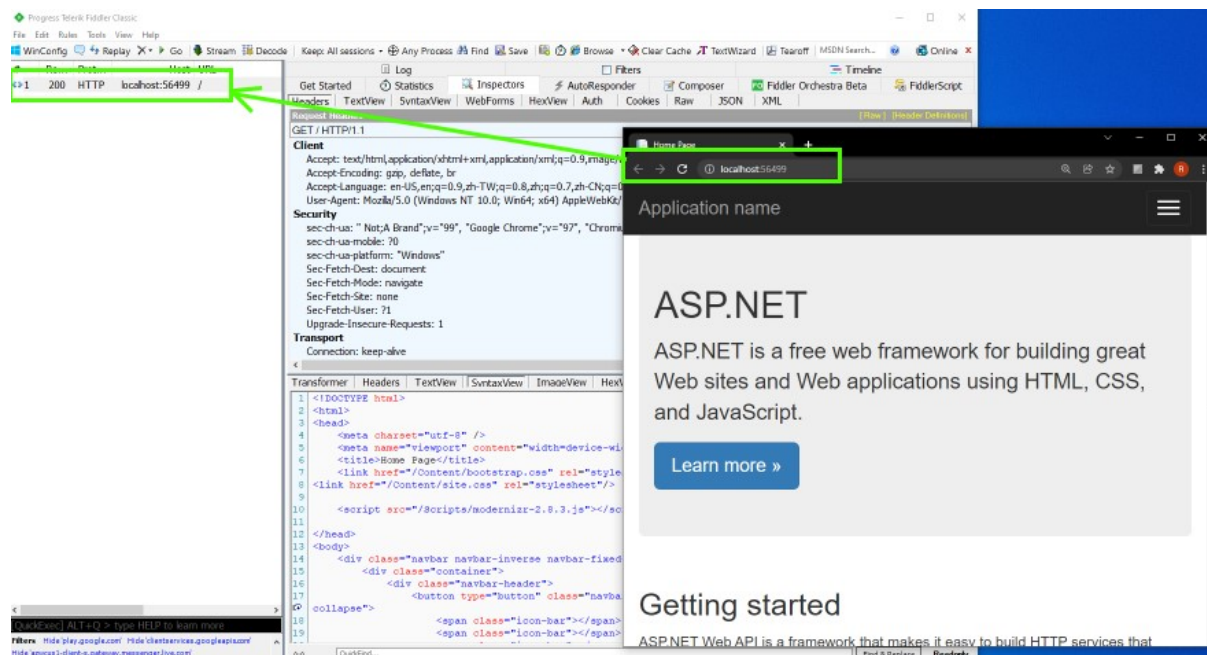
Use Fiddler to setup and test the new build endpoint required in Enset Test Exercise.

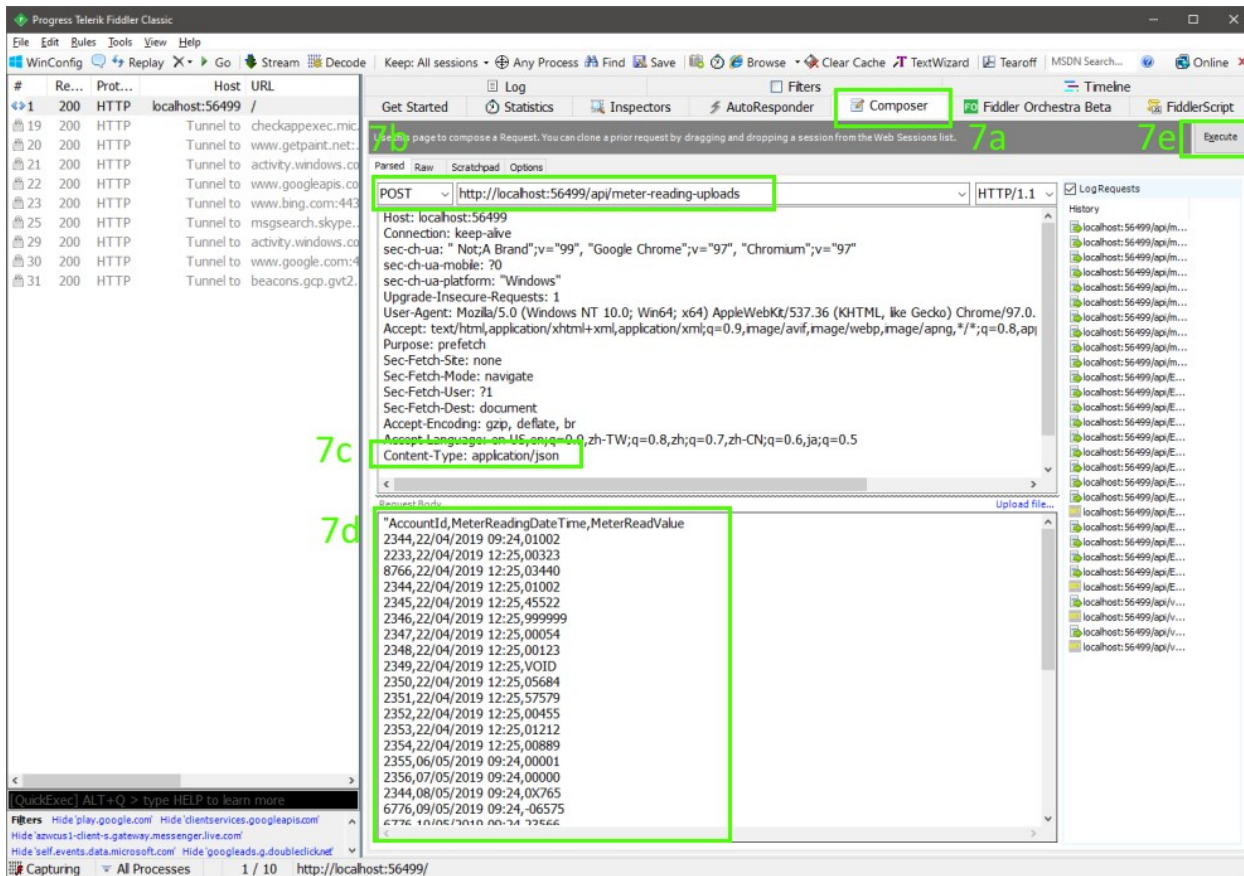
## Required environment and tools:

- Visual Studio 2017
- MS SQL server express 2019 and MS SQL Server Management Studio(SSMS)
- IIS (Win10)
- Fiddler Classic

## Test procedure:

- 1) Unzip EnsekExercise\_ManFaiRickyTo.zip to \EnsekTest
- 2) Use SMSS, connect to MS SQL server and create database [TestDb]
- 3) Load *init\_db.sql* file into SSMS to create tables [Test\_Accounts] and [Meter\_Reading] and populate test account data.
- 4) Open Fiddler
- 5) Open EnsekTest.sln in VS2017 --> rebuild --> run (F5)
- 6) Fiddler will capture the running session of EnsekTest in VS2017





7a) In Fiddle, change to Composer tab

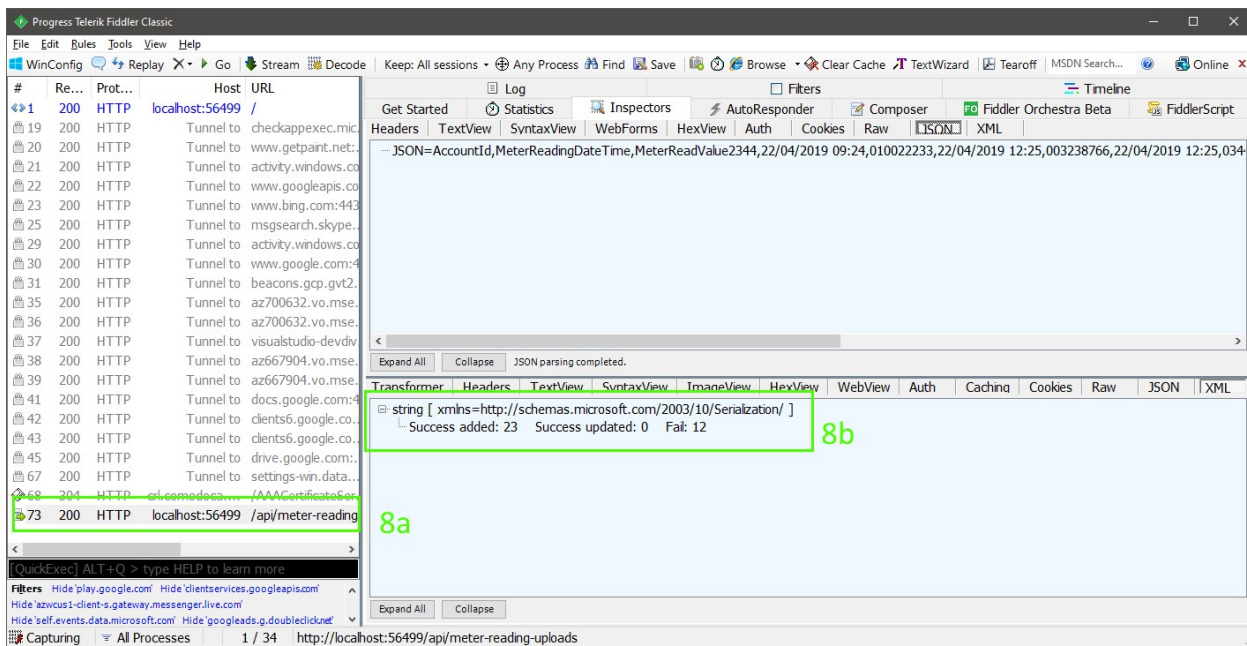
7b) Set to "POST" action and set target endpoint to

<http://localhost:56499/api/meter-reading-uploads>

7c) In header box, add **Content-Type: application/json**

7d) Copy CSV content of Meter\_Reading.csv to request body box.

7e) Click "Execute" to post request with CSV data to target endpoint.



8a) Select response entry

8b) The upload meter readings data will be processed and result returned.

9) Use SSMS to check if reading data is processed and store in Meter\_Reading table.

