

## LIMITED DATAPOINTS



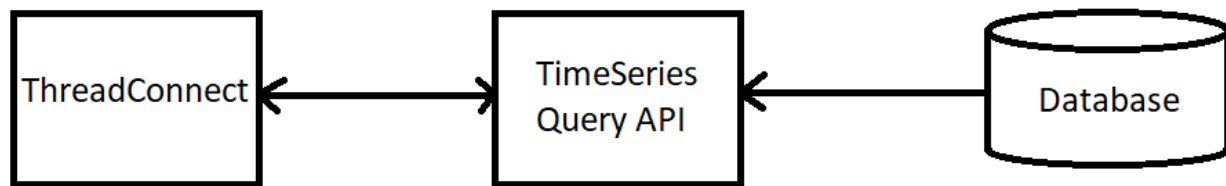
*Generates a flowfile on a scheduled basis*

*Gets Predix authentication token*

*Inserts text into body of flowfile to specify limited datapoints request*

*Invokes Predix Time Series API to query for limited datapoints*

*Created by Marcus Vega*



## KEY ATTRIBUTES

- `GenerateFlowFile`: This processor creates a flowfile to start the flow on some timely basis.
- `InvokeHttp1: getPredixToken` – This processor gets the generated flowfile and uses it to send a request to get a Predix authentication token.
  - o The attribute `TokenResponse` is used to hold the response containing the authentication token.
- `UpdateAttribute`: This processor truncates the text of the `TokenResponse` attribute so it contains nothing but the token itself.

## NOTES

- `InvokeHttp1: getPredixToken` – This processor requires a UAA instance already be set up.
  - o It requires Basic Authorization string to retrieve the token from that UAA instance.
  - o Note that the outgoing flowfile is the Original flowfile and *not* the response from the invocation.
- `InvokeHttp2: Limited Datapoints Request` – This processor requires input of the `predix-zone-id` referencing your Predix Time Series service