apigee

Foundational Training

Custom Analytics Reports

Custom Statistics Collection
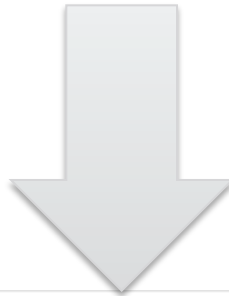

Apigee allows developers to send any custom data in its out-of-box Analytics engine. This is available through a policy, and even a wizard to set up for you.

Custom Statistics Collection

- Policies are auto-generated by the wizard

- Can be manually customized to extract any part of the HTTP message for used in the StatisticsCollector policy

```xml
1  <?xml version="1.0" encoding="UTF-8" standalone="yes"?>
2  <ExtractVariables async="false" continueOnError="true" enabled="true" name="__extract-statistics-request__">
3      <!-- Created by the Custom Analytics Collection tool on: Thu Aug 07 2014 10:17:10 GMT-0700 (PDT) -->
4      <DisplayName>Extract Statistics Request</DisplayName>
5      <JSONPayload>
6          <Variable name="_jsonPayload" type="string">
7              <JSONPath>$.title_id</JSONPath>
8          </Variable>
9      </JSONPayload>
10 </ExtractVariables>
```

```xml
1  <?xml version="1.0" encoding="UTF-8" standalone="yes"?>
2  <StatisticsCollector async="false" continueOnError="false" enabled="true" name="__collect-statistics-request__">
3      <!-- Created by the Custom Analytics Collection tool on: Thu Aug 07 2014 10:17:10 GMT-0700 (PDT) -->
4      <DisplayName>Collect Statistics Request</DisplayName>
5      <Statistics>
6          <Statistic name="titleid" ref="_jsonPayload" type="String"></Statistic>
7      </Statistics>
8  </StatisticsCollector>
```

Analytics: Custom Reporting via UI

Report Name and Type

Format and Environment

Primary Reporting Measures

Drilldown Reporting Measures

Additional Filters

Things to Watch Out For

- Variables are not Cached

  - Reattach your extract variables if you want to record them from a cached resource

- Statistic Names are Shared Across API Proxies

  - Use unique names where unique data is required

  - It's okay to share (drilldowns let you separate it later)

- Analytics Never Die

  - Garbage in… garbage still in later

- Free is Slow

  - It might take a few minutes to process in the multi-tennat environment

  - Dedicated Edge resources are faster, but some delay may occur

DEMO

Statistic Collector and Report

Revision 13

Thank you

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