

How to install and run the EventTriggerAPIKey Cognos Analytics REST API & SDK java sample

NOTES:

- This Cognos sample is provided for education purposes only and is not intended for production use.
- This hybrid Cognos SDK sample uses both REST API (for API Key authentication) and Cognos SOAP SDK (for event trigger) which supports both Java and C# .NET. This sample is written in Java as it is the most commonly used language with Cognos SDK.
- This sample includes a ready-to-run pre-compiled cross-platform Java class file (TriggerAPIKey.class) and supporting shell scripts. Build scripts are also included and behave identical to the Cognos core Java SDK scripts.
- Please refer to the Cognos Analytics REST API and SOAP SDK documentation for further info on their capabilities & usage as well as building instructions:
REST API Samples & Reference: <https://www.ibm.com/docs/en/cognos-analytics/11.2.0?topic=apis-rest-api>
SDK - Using the Java samples: <https://www.ibm.com/docs/en/cognos-analytics/11.2.0?topic=samples-using-java>
- **TIP:** Remember to renew user credentials (see Cognos doc) when using a new API Key for the first time.
- This sample uses a different server URL than the core samples because it is used to reference both the servlet dispatcher URL for SOAP SDK and the REST API URL.

STEPS:

To run this sample – use these steps which are similar to the core Java SDK samples:

1. Unzip the EventTriggerAPIKey.zip file and copy the EventTriggerAPIKey subfolder into <cognos_install_location>/analytics/sdk/java alongside EventTrigger and the other core Java SDK samples.
2. Open a terminal in the new subfolder and run the command:

```
.\run.bat <myserver> <myapikey> <mytriggerlist> [<mytriggerlistdelimiter>]
```

Command-line example calls:

```
//Get command-line help on running the script.
```

```
.\run.bat -help
```

```
//Run and fire a single trigger.
```

```
.\run.bat http://localhost:9300/ myapikey mytrigger
```

```
// Run and fire multiple triggers w the default trigger list delimiter (a comma).
```

```
.\run.bat http://localhost:9300/ myapikey mytrigger1,mytrigger2
```

```
// Run and fire multiple triggers w a custom trigger list delimiter (in this case a pipe character).
```

```
.\run.bat http://localhost:9300/ myapikey "mytrigger1|mytrigger2" "|"
```