Atbash Client ConfigSource

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User manual for Atbash Client configSource.

Release Notes

0.9.0

1. First version of the Client ConfigSource. (requires Atbash config)

Introduction

The Client ConfigSource reeds the configuration parameters from a URL (server). This way the configuration can be centralized.

The code implements a MicroProfile org.eclipse.microprofile.config.spi.ConfigSource which retrieves the configuration values as a JSON from an endpoint.

The application just sends an application identification and optionally a *stage* to the URL.

Configuration

Add the Maven artifact to your dependencies

```
<dependency>
    <groupId>be.atbash.config</groupId>
    <artifactId>atbash-config-client</artifactId>
    <version>${atbash-config.version}</version>
</dependency>
```

Define the *base* name of the configuration file which contains the configuration of the Config server. Create a class implementing the **be.atbash.config.spi.BaseConfigurationName** interface and defining this class for usage with the ServiceLoader mechanism of Java.

Define the class name within *src/main/resources/META-INF/services/be.atbash.config.spi.BaseConfigurationName*

```
be.atbash.config.examples.DemoBaseName
```

Create the properties defined within the specified properties file.

```
config.server.url=http://localhost:8181
config.server.app=app1
config.server.stage=test
```

- config.server.url : The *root* of the Config server endpoint.

- config.server.app : The name of your application

- config.server.stage : Indication of the stage of the application to retrieve specific values.

We can use all the regular features of Configuration or Atbash config to specify the stage value, like environment or system properties.