Resource Attribute Plugin and User Attribute Plugin

## Objective

The package contain 2 plugins, user attribute plugin and resource attribute plugin. These plugins can be used to assist demo or poc.

The plugin will read the attribute from user.csv and resource.csv when triggered from policy.

## Distribution & Deployment

Follow these steps to deploy the attribute plugin into Policy Controller.

* Both attribute plugin artifact is packed as a zip file, containing a jar file, a configuration file and other dependency files/libraries.
* Unzip the provided zip file.
* Copy the jars file from [jars] folders into [NextLabs Policy Controller Installation Location]\nextlabs\dpc\jservice\jar
* Copy the files from [config] folder into [NextLabs Policy Controller Installation Location]\nextlabs\dpc\jservice\config
* Copy the file from [xlib] folder to following location depending your policy controller type:
  + JPC : [NextLabs Policy Controller Installation Location]\nextlabs\shared\_lib
  + Windows PC: jre\lib\ext folder where the policy controller installed.
* Edit the properties file and csv file that you copy into [NextLabs Policy Controller Installation Location]\nextlabs\dpc\jservice\config
* CSV files contain the data that you will use for policy evaluation
* Column mapping for csv file can be edit from each properties file
* Restart the Policy Controller.

## Uninstallation Steps

Stop the Policy Controller

From the following folder remove the following files and jars

* Remove ResourceAttrProvider.properties, UserAttrProvider.properties properties from the [NextLabs Policy Controller Installation Location]\nextlabs\dpc\jservice\config
* Remove the csv file from [NextLabs Policy Controller Installation Location]\nextlabs\dpc\jservice\config
* Remove ResourceAttrProvider and UserAttrProvider.properties files from the [NextLabs Policy Controller Installation Location]\nextlabs\dpc\jservice\jar
* Start the policy controller.

## Contact

For any further changes/enhancements or any queries, contact **kent.lee@nextlabs.com**