11791 Report for Design and Engineering of Intelligent Information System and Software Methods for

Biotechnology Homework 3

Execution Architecture with CPE and Deployment Architecture with UIMA-AS
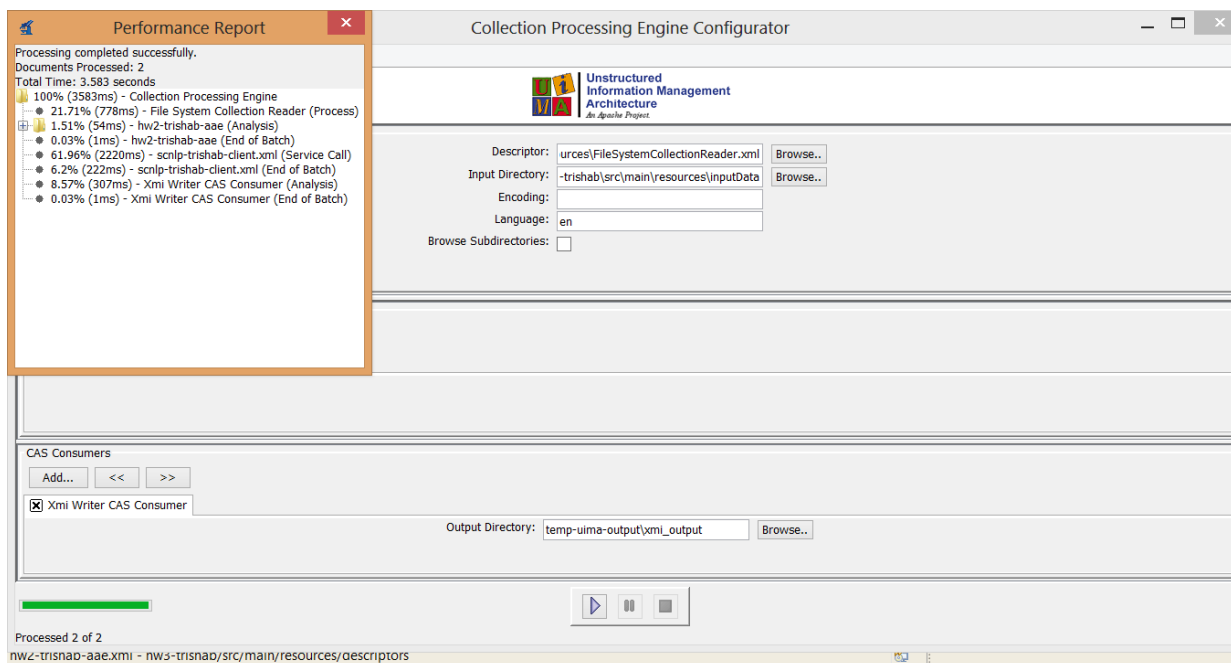
Name: Trisha Black

ID: trishab

For this assignment I import the uimaj-examples and installed UMIA and UMIA-AS, then I set up the appropriate environment variables to complete the Run Configuration.

This assignment required use of Annotators from Homework 2, I imported these files to HW3, and then I created the FileSystemCollectionReader.xml and the casConsumerDescriptor.xml. These files can be found in the src/main/resources path.

CPE Descriptor was created by running the AAE in the Run Configuration UIMA CPE GUI.

For the next task item I created the UMIA-AS client descriptor scnlp-trishab-client.xml. This process requires the use of Stanford CoreNLP which is called by the Aggregate Analysis Engine. The created a CAS for the entire documents and Name Entity Results.

The deployment descriptor for the next task is created through the UIMA GUI and this xml file is supported through the components for the UIMA Deployment Descriptor file.

Then the UIMA-AS broker is run locally through the command line. I set an environment variable for the UIMA_CLASSPATH. Then I assigned the appropriate values for the client descriptor.