11-791 Project Individual 8: Deployment

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In this PI, the aggregated AE in PI7 was deployed as a UIMA AS service. I changed the CPE descriptor given in PI7 and set the AAE to be Analysis Engine field to be aaeRemoteRanker(described in `aaeRemoteRanker.xml`). The `Main.java` remains the same as in PI7.

I modified `deployRankerAs.sh` from given templete in the field of broker url and path to deployment descriptor: `deployRankerAAE.xml`. In `deployRankerAAE.xml` I changed inputQueue endpoint to a unique one and topDescriptors import name to the AAE descriptor in PI7. In this way I deploy AAE in PI7 via given broker.

I modified `aaeRemoteRanker.xml` to let it points to the AE described in `ranker_client.xml`. In `ranker_client.xml`, I specified broker URL and inputQueue endpoint to match previous setting and the service can be called successfully in the `Main.java`.

During this PI, I met some errors because of missing dependency of UIMA AS. I add the following dependency to `pom.xml` and fixed the problem.

```
<dependency>
        <groupId>org.apache.uima</groupId>
        <artifactId>uimaj-as-activemq</artifactId>
        <version>2.6.0</version>
</dependency>
```