

### **Personal Agents – Profile Responsibility Matrix:**

The Profile Responsibility Matrix (PRM) is a new concept introduced to Rule Responder via the newest instantiation, WellnessRules. Very similar to the OWL ontology used with the OA, this is an XML file similar to an ontology, which designates engine execution to specific profiles.

- **Format:**

For WellnessRules, the PRM has the following format:

```
<WellnessRules>
  <Activity>
    <Walking>
      <ResponsibleProfile name="p0001" format="pos1"/>
      <ResponsibleProfile name="p0002" format="n3"/>
      <ResponsibleProfile name="p0003" format="pos1"/>
    </Walking>
  </Activity>
</WellnessRules>
```

This means that the “Walking” PA is responsible for p0001, p0002, and p0003. Additionally, it will use the format information to execute the appropriate engine (OO jDREW for POSL and Euler for N3).

- **Implementation:**

The retrieving of this XML file and its handling is done via the calling of getResponsibleProfiles() in GeneralHandler.java.

```
public static String[] getResponsibleProfiles
    (String, configXML,String activity)
```