

Rule Responder - Websites:

Each Rule Responder uses a website as its EA which will accept a query in RuleML format:

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Rule Responder

Use below box to send a query in [Reaction RuleML format](#) to the *WellnessRules Organizational Agent*:

1

```
<RuleML xmlns="http://www.ruleml.org/0.91/xsd"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://www.ruleml.org/0.91/xsd
    http://ibis.in.tum.de/research/ReactionRuleML/0.2/rr.xsd"
  xmlns:ruleml2007="http://ibis.in.tum.de/projects/paw#">

  <Message mode="outbound"
    directive="query-sync">
    <oid>
      <Ind>WellnessRules</Ind>
    </oid>
    <protocol>
      <Ind>esb</Ind>
    </protocol>
    <sender>
      <Ind>User</Ind>
    </sender>
    <content>
      <Atom>
        <Rel>myActivity</Rel>
        <Var>ProfileID</Var>
        <Ind>Running</Ind>
        <Var>InOut</Var>
        <Ind type="integer">2</Ind>
        <Ind type="integer">6</Ind>
        <Var>StartTime</Var>
        <Var>EndTime</Var>
        <Var>Location</Var>
        <Var>Duration</Var>
        <Var>FitnessLevel</Var>
      </Atom>
    </content>
  </Message>
</RuleML>
```

2

Send Message

Query Selection:
The drop-down boxes show sample queries you -- as an External Agent -- can send to the WellnessRules Organizational Agent. These examples can also act as initial templates that you can edit to create your own queries.

3

Activity Example Query 1

Latest News

November 5th, 2009
Demo of WellnessRules given at RuleML-2009 in Las Vegas, Nevada, USA.

October 15th, 2009
Call for profiles: If you are interested in assisting the WellnessRules initiative, please write your own profiles (in either POSL or N3) and submit to the webmaster.

October 14th, 2009
WellnessRules fully implemented into Rule Responder. Support for both Euler and OOJDREW engines.

September 14th, 2009
Full Rule Responder implementation of WellnessRules begins.

August 25th, 2009
WellnessRules website updated to provide navigation and latest news.

August 14th, 2009
WellnessRules website launched. Basic Rule Responder implementation provided.

(1) **Query Window:**

The query window is where the RuleML query is written. It is implemented via the following HTML code:

```
<form name="form2" method="get" action="http://198.164.40.210:8888">
  <input name="Horde" value="3a466331bca877eeb014be19eee68790"
    type="hidden">
  <textarea name="box1" cols="57" rows="36" WRAP=OFF></textarea>
```

action = The address of the recipient of the message. (This is the Mule instance on the external development server).

cols = The width of the query box

rows = The height of the query box

WRAP = Word wrapping

(2) **Submit Button:**

Submits the query to the OA via the following HTML code:

```
<div align="center"><input value="Send Message" type="submit"> </div>
```

(3) **Query Selection:**

Every Rule Responder website provides examples for users to try out. They are full fledged RuleML queries which are guaranteed to work with the system. It is implemented via the following HTML code (example):

```
<form name="form1" method="post">
  <div align="center">
    <select name="select1" onchange="elementSelected()">
      <option value="A">Activity Example Query 1</option>
      <option value="B">Activity Example Query 2</option>
      <option value="C">Activity Example Query 3</option>
    </select>
  </div>
</form>
```

elementSelected() is implemented via javascript:

```

function elementSelected(){

    var choice = document.form1.select1.selectedIndex;

    var choice0 = "<Atom>" + "\n" +
        "<Rel>myActivity</Rel>" + "\n" +
        "<Var>ProfileID</Var>" + "\n" +
        "<Ind>Running</Ind>" + "\n" +
        "<Var>InOut</Var>" + "\n" +
        "<Ind type=\"integer\">2</Ind>" + "\n" +
        "<Ind type=\"integer\">6</Ind>" + "\n" +
        "<Var>StartTime</Var>" + "\n" +
        "<Var>EndTime</Var>" + "\n" +
        "<Var>Location</Var>" + "\n" +
        "<Var>Duration</Var>" + "\n" +
        "<Var>FitnessLevel</Var>" + "\n" +
        "</Atom>" + "\n";

    var messageHeader =
        "<RuleML xmlns=\n \"http://www.ruleml.org/0.91/xsd\""+
        "xmlns:xsi=\n\"http://www.w3.org/2001/XMLSchema-instance\""+
        " xsi:schemaLocation=\n\"http://www.ruleml.org/0.91/xsd\" +
        "http://ibis.in.tum.de/research/\""+
        "\n \" + "<Message mode=\"outbound\""+
        "directive=\"query- sync\""+
        "\n \" + "<oid>" +
        "<Ind>WellnessRules</Ind>" +
        "</oid>" +
        "<protocol>" +
        "<Ind>esb</Ind>" +
        "</protocol>" +
        "<sender>" +
        "<Ind>User</Ind>" +
        "</sender>" +
        "<content>" +
        "\n \" + "</content>" +
        "</Message>" +
        "</RuleML>";

    if(choice == 0){
        document.form2.box1.value = messageHeader + choice0 + messageFooter;
        document.getElementById('description1').innerHTML = dChoice0;
    }
}

```