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<?xml version="1.0" encoding="UTF-8"?>
<package xmlns="http://drools.org/drools-4.0"
xmlns:xs="http://www.w3.org/2001/XMLSchema-instance" name="atl_droolsv1" timer="1440"
mode="0" control="0" invisibility="0" xs:schemaLocation="http://drools.org/drools-4.0
drools-4.0.xsd"><import name="ruleSystem.tree.*" /><import name="ruleSystem.*" /> <treename
xmlns="" name="MBR control aire cpa 3" /><input xmlns="" id="I004" name="417-Calcul"
valor="-9999" /><input xmlns="" id="I003" name="415-Calcul" valor="-9999" /><input xmlns=""
id="I002" name="407-Valor" valor="-9999" /><input xmlns="" id="I001" name="255-Calcul"
valor="-9999" /><input xmlns="" id="I000" name="401-Calcul" valor="-9999" /><input xmlns=""
id="I005" name="418-Calcul" valor="-9999" /><output xmlns="" id="SP00" name="407-Valor"
valor="-9999" /><control xmlns="" id="P000" name="pendent" valor="-18.37203193" /><control
xmlns="" id="L003" name="s_min" valor="5.8" /><control xmlns="" id="L002" name="s_max"
valor="7.8" /><control xmlns="" id="L001" name="rentat_preventiu" valor="-300" /><control
xmlns="" id="L000" name="rentat_quimic" valor="-350" /><control xmlns="" id="0000"
name="raonament" valor="-9999" /><rule xmlns="" name="entrada" priority="10"
multiple="false" grup=""><lhs><pattern identifier="input" object-type="TreeInput" /><pattern
identifier="output" object-type="TreeOutput" /><pattern identifier="control"
object-type="TreeControl"
/><eval>(0<=0)</eval></lhs><rhs>control.escriure("CALCUL_RECTA",input.llegir("I004")+");co
ntrol.escriure("CALCUL_RECTA2",control.llegirValor("L000")-input.llegir("I003")+");control.es
criure("TEMPS_1",control.llegirValor("CALCUL_RECTA2")/control.llegirValor("CALCUL_RECTA")+");
control.escriure("CALCUL_RECTA2",control.llegirValor("L001")-input.llegir("I003")+");control.
escriure("TEMPS_2",control.llegirValor("CALCUL_RECTA2")/control.llegirValor("CALCUL_RECTA")+
");control.escriure("P000",
input.llegir("I005")+");control.escriure("COMPARAT",input.llegir("I004")/input.llegir("I005")
+");control.escriure("AIRE",input.llegir("I002")+");control.escriure("P001",input.llegir("I0
04")+");control.escriure("TMP",input.llegir("I001")+");</rhs></rule><rule xmlns=""
name="output" priority="8" multiple="false" grup=""><lhs><pattern identifier="input"
object-type="TreeInput" /><pattern identifier="output" object-type="TreeOutput" /><pattern
identifier="control" object-type="TreeControl"
/><eval>(control.llegirValor("NEW_SP")>=11)</eval></lhs><rhs>control.escriure("NEW_SP",11+
");</rhs></rule><rule xmlns="" name="output2" priority="8" multiple="false"
grup=""><lhs><pattern identifier="input" object-type="TreeInput" /><pattern
identifier="output" object-type="TreeOutput" /><pattern identifier="control"
object-type="TreeControl"
/><eval>(control.llegirValor("NEW_SP")<=6.5)</eval></lhs><rhs>control.escriure("NEW_SP",6.5
+");</rhs></rule><rule xmlns="" name="sortida" priority="0" multiple="false"
grup=""><lhs><pattern identifier="input" object-type="TreeInput" /><pattern
identifier="output" object-type="TreeOutput" /><pattern identifier="control"
object-type="TreeControl"
/><eval>(0<=0)</eval></lhs><rhs>control.escriure("0000","<div class=infoRules>
<table class=taulaInfoRules><tbody><tr class=capceleraFinestra><td
colspan=3> Results -> "+RuleBase.llegirData()+" </td></tr> <tr>
<td> TMP: "+control.llegirValor("TMP")+</td> </tr></tbody></table>
ST Slope: "+input.llegir("I004")+</td> </tr> <tr><td> LT Slope:
"+control.llegirValor("P000")+</td> </tr> <tr><td> Slope ratio
(ST/LT):"+control.llegirValor("COMPARAT")+</td></tr>"+</tr> <td>
Cabal aire membranes: "+control.llegirValor("OLD_SP")+</td> </tr>"+</tr>
<td> Nou Cabal aire membranes: "+control.llegirValor("NEW_SP")+</td>
</tr></tbody></table>
MISSATGE:
"+control.llegirCadena("SMS")+</td></tr> </tbody></table>
</div>"); </rhs></rule><rule xmlns="" name="write_rule" priority="3" multiple="false"
grup=""><lhs><pattern identifier="input" object-type="TreeInput" /><pattern
identifier="output" object-type="TreeOutput" /><pattern identifier="control"
object-type="TreeControl" /><eval>(control.llegirValor("NEW_SP")>=6.5 &&
control.llegirValor("NEW_SP")<=11)</eval></lhs><rhs>control.escriure("OLD_SP",control.llegi
rValor("AIRE")+");

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output.escriure("SP00",control.llegirValor("NEW_SP"));</rhs></rule><rule xmlns=""
name="new_sp" priority="9" multiple="false" grup=""><lhs><pattern identifier="input"
object-type="TreeInput" /><pattern identifier="output" object-type="TreeOutput" /><pattern
identifier="control" object-type="TreeControl"
/><eval>(control.llegirValor("TMP")&lt;-5&amp;amp;(control.llegirValor("TMP")&gt;-170)&amp;amp;
&amp;(control.llegirValor("P000")&lt;0&amp;amp;(control.llegirValor("COMPARAT")&lt;0)</eval><
/lhs><rhs>control.escriure("NEW_SP",(input.llegir("I002")-0.2)+"");
control.escriure("SMS","Estalvi aire moderat"+"");</rhs></rule><rule xmlns="" name="new_sp2"
priority="9" multiple="false" grup=""><lhs><pattern identifier="input"
object-type="TreeInput" /><pattern identifier="output" object-type="TreeOutput" /><pattern
identifier="control" object-type="TreeControl"
/><eval>(control.llegirValor("TMP")&lt;-5&amp;amp;(control.llegirValor("TMP")&gt;-170)&amp;amp;
&amp;(control.llegirValor("P000")&lt;0&amp;amp;(control.llegirValor("COMPARAT")&gt;0)
&amp;amp;
(control.llegirValor("COMPARAT")&lt;=0.3)</eval></lhs><rhs>control.escriure("NEW_SP",(input.llegir("I002")-0.3)+"");
control.escriure("SMS","Estalvi aire"+"");
</rhs></rule><rule xmlns="" name="new_sp3" priority="9" multiple="false"
grup=""><lhs><pattern identifier="input" object-type="TreeInput" /><pattern
identifier="output" object-type="TreeOutput" /><pattern identifier="control"
object-type="TreeControl"
/><eval>(control.llegirValor("TMP")&lt;-5&amp;amp;(control.llegirValor("TMP")&gt;-170)&amp;amp;
&amp;(control.llegirValor("P000")&lt;0&amp;amp;(control.llegirValor("COMPARAT")&gt;0.3)
&amp;amp;
(control.llegirValor("COMPARAT")&lt;=0.6)</eval></lhs><rhs>control.escriure("NEW_SP",(input.llegir("I002")-0.2)+"");
control.escriure("SMS","Estalvi aire"+"");</rhs></rule><rule xmlns="" name="new_sp4"
priority="9" multiple="false" grup=""><lhs><pattern identifier="input"
object-type="TreeInput" /><pattern identifier="output" object-type="TreeOutput" /><pattern
identifier="control" object-type="TreeControl"
/><eval>(control.llegirValor("TMP")&lt;-5&amp;amp;(control.llegirValor("TMP")&gt;-170)&amp;amp;
&amp;(control.llegirValor("P000")&lt;0&amp;amp;(control.llegirValor("COMPARAT")&gt;0.6)
&amp;amp;
(control.llegirValor("COMPARAT")&lt;=0.9)</eval></lhs><rhs>control.escriure("NEW_SP",(input.llegir("I002")-0.1)+"");
control.escriure("SMS","Estalvi aire"+"");</rhs></rule><rule xmlns="" name="new_sp5"
priority="9" multiple="false" grup=""><lhs><pattern identifier="input"
object-type="TreeInput" /><pattern identifier="output" object-type="TreeOutput" /><pattern
identifier="control" object-type="TreeControl"
/><eval>(control.llegirValor("TMP")&lt;-5&amp;amp;(control.llegirValor("TMP")&gt;-170)&amp;amp;
&amp;(control.llegirValor("P000")&lt;0&amp;amp;(control.llegirValor("COMPARAT")&gt;0.9)
&amp;amp;
(control.llegirValor("COMPARAT")&lt;=1.1)</eval></lhs><rhs>control.escriure("NEW_SP",(input.llegir("I002")+0)+"");
control.escriure("SMS","Sense canvis"+"");</rhs></rule><rule xmlns="" name="new_sp6"
priority="9" multiple="false" grup=""><lhs><pattern identifier="input"
object-type="TreeInput" /><pattern identifier="output" object-type="TreeOutput" /><pattern
identifier="control" object-type="TreeControl"
/><eval>(control.llegirValor("TMP")&lt;-5&amp;amp;(control.llegirValor("TMP")&gt;-170)&amp;amp;
&amp;(control.llegirValor("P000")&lt;0&amp;amp;(control.llegirValor("COMPARAT")&gt;1.1)
&amp;amp;
(control.llegirValor("COMPARAT")&lt;=1.4)</eval></lhs><rhs>control.escriure("NEW_SP",(input.llegir("I002")+0.1)+"");
control.escriure("SMS","Augment aire"+"");</rhs></rule><rule xmlns="" name="new_sp7"
priority="9" multiple="false" grup=""><lhs><pattern identifier="input"
object-type="TreeInput" /><pattern identifier="output" object-type="TreeOutput" /><pattern
identifier="control" object-type="TreeControl"

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/><eval>(control.llegirValor("TMP")&lt;-5&amp;&amp;(control.llegirValor("TMP")&gt;-170)&amp;&
&amp;(control.llegirValor("P000")&lt;0&amp;&amp;(control.llegirValor("COMPARAT")&gt;1.4)
&amp;&amp;
(control.llegirValor("COMPARAT")&lt;=1.7)</eval></lhs><rhs>control.escriure("NEW_SP", (input.llegir("I002")+0.2)+"");
control.escriure("SMS", "Augment aire"+"");</rhs></rule><rule xmlns="" name="new_sp8"
priority="9" multiple="false" grup=""><lhs><pattern identifier="input"
object-type="TreeInput" /><pattern identifier="output" object-type="TreeOutput" /><pattern
identifier="control" object-type="TreeControl"
/><eval>(control.llegirValor("TMP")&lt;-5&amp;&amp;(control.llegirValor("TMP")&gt;-170)&amp;&
&amp;(control.llegirValor("P000")&lt;0&amp;&amp;(control.llegirValor("COMPARAT")&gt;1.7)
&amp;&amp;
(control.llegirValor("COMPARAT")&lt;=2)</eval></lhs><rhs>control.escriure("NEW_SP", (input.llegir("I002")+0.3)+"");
control.escriure("SMS", "Augment aire"+"");</rhs></rule><rule xmlns="" name="new_sp9"
priority="9" multiple="false" grup=""><lhs><pattern identifier="input"
object-type="TreeInput" /><pattern identifier="output" object-type="TreeOutput" /><pattern
identifier="control" object-type="TreeControl"
/><eval>(control.llegirValor("TMP")&lt;-5&amp;&amp;(control.llegirValor("TMP")&gt;-170)&amp;&
&amp;(control.llegirValor("P000")&lt;0&amp;&amp;(control.llegirValor("COMPARAT")&gt;2)</eval></lhs><rhs>control.escriure("NEW_SP", (input.llegir("I002")+0.4)+"");
control.escriure("SMS", "Augment aire"+"");</rhs></rule><rule xmlns="" name="new_sp10"
priority="9" multiple="false" grup=""><lhs><pattern identifier="input"
object-type="TreeInput" /><pattern identifier="output" object-type="TreeOutput" /><pattern
identifier="control" object-type="TreeControl"
/><eval>(control.llegirValor("TMP")&lt;-5&amp;&amp;(control.llegirValor("TMP")&gt;-170)&amp;&
&amp;(control.llegirValor("P000")&gt;0&amp;&amp;(control.llegirValor("P001")&gt;0&amp;&amp;(control.llegirValor("P000"))&lt;=(control.llegirValor("P001"))</eval></lhs><rhs>control.escriure("NEW_SP", (input.llegir("I002")-0.4)+"");
control.escriure("SMS", "Estalvi aire maxim"+"");</rhs></rule><rule xmlns="" name="new_sp11"
priority="9" multiple="false" grup=""><lhs><pattern identifier="input"
object-type="TreeInput" /><pattern identifier="output" object-type="TreeOutput" /><pattern
identifier="control" object-type="TreeControl"
/><eval>(control.llegirValor("TMP")&lt;-5&amp;&amp;(control.llegirValor("TMP")&gt;-170)&amp;&
&amp;(control.llegirValor("P000")&gt;0&amp;&amp;(control.llegirValor("P001")&gt;0&amp;&amp;(control.llegirValor("P000"))&gt;(control.llegirValor("P001"))</eval></lhs><rhs>control.escriure("NEW_SP", (input.llegir("I002")-0.2)+"");
control.escriure("SMS", "Estalvi aire moderat"+"");</rhs></rule><rule xmlns=""
name="new_sp12" priority="9" multiple="false" grup=""><lhs><pattern identifier="input"
object-type="TreeInput" /><pattern identifier="output" object-type="TreeOutput" /><pattern
identifier="control" object-type="TreeControl"
/><eval>(control.llegirValor("TMP")&lt;-5&amp;&amp;(control.llegirValor("TMP")&gt;-170)&amp;&
&amp;(control.llegirValor("P000")&gt;0&amp;&amp;(control.llegirValor("P001")&lt;0)</eval></lhs>
<rhs>control.escriure("NEW_SP", (input.llegir("I002")+0)+"");
control.escriure("SMS", "Sense canvis"+"");</rhs></rule><rule xmlns="" name="new_sp00"
priority="9" multiple="false" grup=""><lhs><pattern identifier="input"
object-type="TreeInput" /><pattern identifier="output" object-type="TreeOutput" /><pattern
identifier="control" object-type="TreeControl"
/><eval>(control.llegirValor("TMP")&gt;=-5)</eval></lhs><rhs>control.escriure("NEW_SP", (input.llegir("I002")-0.2)+"");
control.escriure("SMS", "Estalvi moderat aire"+"");</rhs></rule><rule xmlns=""
name="new_sp01" priority="9" multiple="false" grup=""><lhs><pattern identifier="input"
object-type="TreeInput" /><pattern identifier="output" object-type="TreeOutput" /><pattern
identifier="control" object-type="TreeControl"
/><eval>(control.llegirValor("TMP")&lt;=-170)</eval></lhs><rhs>control.escriure("NEW_SP", (input.llegir("I002")+0)+"");
control.escriure("SMS", "Desactivar sistema de control aire degut a

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embrutiment"+"");</rhs></rule><rule xmlns="" name="new_sp02" priority="9" multiple="false"
grup=""><lhs><pattern identifier="input" object-type="TreeInput" /><pattern
identifier="output" object-type="TreeOutput" /><pattern identifier="control"
object-type="TreeControl"
/><eval>(control.llegirValor("TMP")&lt;-5&amp;&amp;(control.llegirValor("TMP")&gt;-170)&amp;&
&amp;(control.llegirValor("P000")==0)&amp;&amp;(control.llegirValor("P001")&lt;0)</eval></lhs><rh
s>control.escriure("NEW_SP",(input.llegir("I002")+0.1)+"");
control.escriure("SMS","Augment aire"+"");</rhs></rule><rule xmlns="" name="new_sp03"
priority="9" multiple="false" grup=""><lhs><pattern identifier="input"
object-type="TreeInput" /><pattern identifier="output" object-type="TreeOutput" /><pattern
identifier="control" object-type="TreeControl"
/><eval>(control.llegirValor("TMP")&lt;-5&amp;&amp;(control.llegirValor("TMP")&gt;-170)&amp;&
&amp;(control.llegirValor("P000")==0)&amp;&amp;(control.llegirValor("P001")==0)</eval></lhs><rh
s>control.escriure("NEW_SP",(input.llegir("I002")+0)+"");
control.escriure("SMS","Sense canvis"+"");</rhs></rule><rule xmlns="" name="new_sp04"
priority="9" multiple="false" grup=""><lhs><pattern identifier="input"
object-type="TreeInput" /><pattern identifier="output" object-type="TreeOutput" /><pattern
identifier="control" object-type="TreeControl"
/><eval>(control.llegirValor("TMP")&lt;-5&amp;&amp;(control.llegirValor("TMP")&gt;-170)&amp;&
&amp;(control.llegirValor("P000")==0)&amp;&amp;(control.llegirValor("P001")&gt;0)</eval></lhs><
rhs>control.escriure("NEW_SP",(input.llegir("I002")-0.1)+"");
control.escriure("SMS","Estalvi aire"+"");</rhs></rule></package>
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