

## 9 Anexo II – A ontologia DAML Agenda

Este anexo apresenta o trecho da ontologia DAML Agenda utilizada na aplicação de calendários:

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
  <!DOCTYPE rdf:RDF (View Source for full doctype...)>
  <rdf:RDF xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
    xmlns:rdfs="http://www.w3.org/2000/01/rdf-schema#"
    xmlns:daml="http://www.daml.org/2001/03/daml+oil#">
  <daml:Ontology rdf:about="">
    <daml:versionInfo>$Id: agenda-ont.daml,v 1.6 2002/10/08 12:43:02
      mdean Exp $</daml:versionInfo>
    <rdfs:comment>Meeting Agenda Ontology</rdfs:comment>
  </daml:Ontology>
  <rdfs:Class rdf:ID="Meeting">
  <rdfs:subClassOf>
  <daml:Restriction>
  <daml:onProperty rdf:resource="#name" />
  <daml:toClass
    rdf:resource="http://www.w3.org/2000/10/XMLSchema#string" />
  </daml:Restriction>
  </rdfs:subClassOf>
  <rdfs:subClassOf>
  <daml:Restriction>
  <daml:onProperty rdf:resource="#name" />
  <daml:cardinality>1</daml:cardinality>
  </daml:Restriction>
  </rdfs:subClassOf>
  <rdfs:subClassOf>
  <daml:Restriction>
  <daml:onProperty rdf:resource="#uri" />
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<daml:toClass
  rdf:resource="http://www.w3.org/2000/10/XMLSchema#uriReference" />
</daml:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf>
<daml:Restriction>
  <daml:onProperty rdf:resource="#uri" />
  <daml:maxCardinality>1</daml:maxCardinality>
  </daml:Restriction>
  </rdfs:subClassOf>
<rdfs:subClassOf>
<daml:Restriction>
  <daml:onProperty rdf:resource="#location" />
  <daml:toClass
    rdf:resource="http://www.w3.org/2000/10/XMLSchema#string" />
    </daml:Restriction>
    </rdfs:subClassOf>
  </rdfs:subClassOf>
  <daml:Restriction>
    <daml:onProperty rdf:resource="#location" />
    <daml:cardinality>1</daml:cardinality>
    </daml:Restriction>
    </rdfs:subClassOf>
  </rdfs:subClassOf>
  <daml:Restriction>
    <daml:onProperty rdf:resource="#day" />
    <daml:toClass rdf:resource="#Day" />
    </daml:Restriction>
    </rdfs:subClassOf>
  </rdfs:subClassOf>
  <daml:Restriction>
    <daml:onProperty rdf:resource="#day" />
    <daml:minCardinality>1</daml:minCardinality>
    </daml:Restriction>
    </rdfs:subClassOf>
  </rdfs:Class>

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```
<rdfs:Class rdf:ID="AgendaItem" />
<rdfs:Class rdf:ID="SimpleAgendaItem">
  <rdfs:subClassOf rdf:resource="#AgendaItem" />
<rdfs:subClassOf>
<daml:Restriction>
  <daml:onProperty rdf:resource="#duration" />
<daml:toClass
  rdf:resource="http://www.w3.org/2000/10/XMLSchema#timeDuration" />
</daml:Restriction>
</rdfs:subClassOf>
</rdfs:Class>
<rdfs:Class rdf:ID="Talk">
  <rdfs:subClassOf rdf:resource="#SimpleAgendaItem" />
<rdfs:subClassOf>
<daml:Restriction>
  <daml:onProperty rdf:resource="#title" />
<daml:toClass
  rdf:resource="http://www.w3.org/2000/10/XMLSchema#string" />
</daml:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf>
<daml:Restriction>
  <daml:onProperty rdf:resource="#uri" />
<daml:toClass
  rdf:resource="http://www.w3.org/2000/10/XMLSchema#uriReference" />
</daml:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf>
<daml:Restriction>
  <daml:onProperty rdf:resource="#speaker" />
  <daml:toClass rdf:resource="#Speaker" />
  </daml:Restriction>
</rdfs:subClassOf>
</rdfs:Class>
<rdfs:Class rdf:ID="Break">
```

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<rdfs:subClassOf rdf:resource="#SimpleAgendaItem" />
<rdfs:subClassOf>
<daml:Restriction>
  <daml:onProperty rdf:resource="#theme" />
<daml:toClass
  rdf:resource="http://www.w3.org/2000/10/XMLSchema#string" />
</daml:Restriction>
</rdfs:subClassOf>
</rdfs:Class>
<rdfs:Class rdf:ID="Block">
<rdfs:subClassOf rdf:resource="#AgendaItem" />
<rdfs:subClassOf>
<daml:Restriction>
  <daml:onProperty rdf:resource="#theme" />
<daml:toClass
  rdf:resource="http://www.w3.org/2000/10/XMLSchema#string" />
</daml:Restriction>
</rdfs:subClassOf>
<rdfs:subClassOf>
<daml:Restriction>
  <daml:onProperty rdf:resource="#items" />
<daml:toClass
  rdf:resource="http://www.daml.org/2001/03/daml+oil#List" />
<rdfs:comment>List of AgendaItem</rdfs:comment>
</daml:Restriction>
</rdfs:subClassOf>
</rdfs:Class>
<rdfs:Class rdf:ID="Day">
<rdfs:subClassOf rdf:resource="#Block" />
<rdfs:subClassOf>
<daml:Restriction>
  <daml:onProperty rdf:resource="#start" />
<daml:toClass
  rdf:resource="http://www.w3.org/2000/10/XMLSchema#timeInstant
" />
</daml:Restriction>
</rdfs:subClassOf>

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    </rdfs:Class>
<rdfs:Class rdf:ID="Speaker">
<rdfs:subClassOf>
<daml:Restriction>
  <daml:onProperty rdf:resource="#name" />
<daml:toClass
  rdf:resource="http://www.w3.org/2000/10/XMLSchema#string" />
  </daml:Restriction>
  </rdfs:subClassOf>
<rdfs:subClassOf>
<daml:Restriction>
  <daml:onProperty rdf:resource="#name" />
  <daml:cardinality>1</daml:cardinality>
  </daml:Restriction>
  </rdfs:subClassOf>
<rdfs:subClassOf>
<daml:Restriction>
  <daml:onProperty rdf:resource="#organization" />
<daml:toClass
  rdf:resource="http://www.w3.org/2000/10/XMLSchema#string" />
  </daml:Restriction>
  </rdfs:subClassOf>
<rdfs:subClassOf>
<daml:Restriction>
  <daml:onProperty rdf:resource="#email" />
<daml:toClass
  rdf:resource="http://www.w3.org/2000/10/XMLSchema#string" />
  </daml:Restriction>
  </rdfs:subClassOf>
<rdfs:subClassOf>
<daml:Restriction>
  <daml:onProperty rdf:resource="#homePage" />
<daml:toClass
  rdf:resource="http://www.w3.org/2000/10/XMLSchema#uriReferenc
e" />
  </daml:Restriction>
  </rdfs:subClassOf>

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```
</rdfs:Class>
<daml:ObjectProperty rdf:ID="day" />
<daml:DatatypeProperty rdf:ID="duration" />
<daml:DatatypeProperty rdf:ID="email" />
<daml:DatatypeProperty rdf:ID="homePage" />
<daml:ObjectProperty rdf:ID="items" />
<daml:DatatypeProperty rdf:ID="location" />
<daml:DatatypeProperty rdf:ID="name" />
<daml:DatatypeProperty rdf:ID="organization" />
<daml:ObjectProperty rdf:ID="speaker" />
<daml:DatatypeProperty rdf:ID="start" />
<daml:DatatypeProperty rdf:ID="theme" />
<daml:DatatypeProperty rdf:ID="title" />
<daml:DatatypeProperty rdf:ID="uri" />
<daml:DatatypeProperty rdf:ID="object" />
</rdf:RDF>
```