**1. Initiate a new dialogue**

|  |  |
| --- | --- |
| URL | http://127.0.0.1:8080/dialogues/ |
| Method | POST |
| Request Body | JSON object:  {  "id" : "test123",  "participants" : [{"name": "Jim", "id":"jim@abc.com"}]  } |
| Returns | JSON object:  {  "status" : "success",  "dialogue" : {"id":"test123"}  } |

If the request body does not include an id property, the system will assign a new id for it. Otherwise, the passed id will be used. If the passed id already exists in the system, an error will be returned.

**2. Add a new participant**

|  |  |
| --- | --- |
| URL | http://127.0.0.1:8080/dialogues/{dialogueId}/participants/ |
| Method | POST |
| Request Body | JSON object:  {"name": "Jill", "id":"jill@abc.com"} |
| Returns | JSON object:  {  "status" : "success",  "participant" : {"id":"jill@abc.com"}  } |

The request body must include an **id** property. If the id already exists in current dialogue, an error will be returned.

If the dialogue id does not exist in the system, an error will be returned.

**3. Add a new message**

|  |  |
| --- | --- |
| URL | http://127.0.0.1:8080/dialogues/{dialogueId}/messages/ |
| Method | POST |
| Request Body | JSON object:  {  "speakerId":"jill@abc.com", "message":"There is a nuclear release and we need to plan evacuation"  } |
| Returns | JSON object:  {  "status" : "success"  } |

The request body must include a **speakerId** and a **message** property.

If the dialogue id does not exist in the system, an error will be returned.

**4. Get current Plan Graph**

|  |  |
| --- | --- |
| URL | http://127.0.0.1:8080/dialogues/{dialogueId}/plangraph/ |
| Method | GET |
| Request Body | None |
| Returns | XML document |

If the dialogue id does not exist in the system, an error will be returned.

|  |
| --- |
| <?xml version="1.0" ?>  <planGraph>  <agents>  <agent id="jill@abc.com"/>  </agents>  <root>  <action complexity="complex" name="PlanEvacuation" phrase="evacuation" status="exec\_hasRecipe" type="ACTION">  <beliefs>  <belief agentId="jill@abc.com">  exec\_hasRecipe  </belief>  </beliefs>  <intentions>  <intention agentId="jill@abc.com">  int\_intendThat  </intention>  </intentions>  <parameters>  <parameter name="ImpactedArea" status="param\_status\_notReady" type="param\_type\_geoType">  <subActions/>  <subOptActions>  <action complexity="complex" name="IdentifyImpactedArea" phrase="" status="exec\_noRecipe" type="ID\_PARA">  <beliefs/>  <intentions/>  <parameters/>  <subActions/>  <subOptActions/>  </action>  </subOptActions>  </parameter>  </parameters>  <subActions/>  <subOptActions>  <action complexity="basic" name="PerformEvacuation" phrase="" status="exec\_noRecipe" type="ACTION">  <beliefs/>  <intentions/>  <parameters/>  <subActions/>  <subOptActions/>  </action>  <action complexity="complex" name="GuideEvacuation" phrase="" status="exec\_noRecipe" type="ACTION">  <beliefs/>  <intentions/>  <parameters/>  <subActions/>  <subOptActions/>  </action>  </subOptActions>  </action>  </root>  </planGraph> |

**5. Get current map specification**

|  |  |
| --- | --- |
| URL | http://127.0.0.1:8080/dialogues/{dialogueId}/map/ |
| Method | GET |
| Request Body | None |
| Returns | XML document |

If the dialogue id does not exist in the system, an error will be returned.

The returned XML document follows the OGC WMC specification.

|  |
| --- |
| <?xml version="1.0" ?><ViewContext id="OpenLayers\_Context\_134" version="1.1.0.ex" xmlns="http://www.opengis.net/context" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.opengis.net/context http://www.opengis.net/context/1.1.0/context.xsd">  <General>  <Window height="455" width="464"/>  <BoundingBox SRS="EPSG:900913" maxx="10" maxy="10" minx="-10" miny="-10"/>  <Title/>  <Extension>  <ol:maxExtent maxx="20037508.34" maxy="20037508.34" minx="-20037508.34" miny="-20037508.34" xmlns:ol="http://openlayers.org/context"/>  </Extension>  </General>  <LayerList>  <Layer hidden="0" queryable="0">  <Server service="OSM:Mapnik" version="1.0.0">  <OnlineResource xlink:href="http://a.tile.openstreetmap.org/${z}/${x}/${y}.png" xlink:type="simple" xmlns:xlink="http://www.w3.org/1999/xlink"/>  </Server>  <Name>Base Map (Mapnik)</Name>  <Title>Base Map (Mapnik)</Title>  <FormatList>  <Format current="1"/>  </FormatList>  <sld:MaxScaleDenominator xmlns:sld="http://www.opengis.net/sld">443744272.7</sld:MaxScaleDenominator>  <StyleList>  <Style current="1">  <Name/>  <Title>Default</Title>  </Style>  </StyleList>  <Extension>  <ol:maxExtent maxx="20037508.34" maxy="20037508.34" minx="-20037508.34" miny="-20037508.34" xmlns:ol="http://openlayers.org/context"/>  <ol:numZoomLevels xmlns:ol="http://openlayers.org/context">6</ol:numZoomLevels>  <ol:units xmlns:ol="http://openlayers.org/context">m</ol:units>  <ol:isBaseLayer xmlns:ol="http://openlayers.org/context">true</ol:isBaseLayer>  <ol:displayInLayerSwitcher xmlns:ol="http://openlayers.org/context">true</ol:displayInLayerSwitcher>  <ol:singleTile xmlns:ol="http://openlayers.org/context">false</ol:singleTile>  </Extension>  </Layer>  </LayerList>  </ViewContext> |

**6. Close a dialogue**

|  |  |
| --- | --- |
| URL | http://127.0.0.1:8080/dialogues/{dialogueId}/ |
| Method | DELETE |
| Request Body | None |
| Returns | JSON object:  {  "status" : "success"  } |

If the dialogue id does not exist in the system, an error will be returned.

**7. Get information of a dialogue**

|  |  |
| --- | --- |
| URL | http://127.0.0.1:8080/dialogues/{dialogueId}/ |
| Method | GET |
| Request Body | None |
| Returns | JSON object:  (*todo*) |

If the dialogue id does not exist in the system, an error will be returned.

**8. Remove a participant from the dialogue**

|  |  |
| --- | --- |
| URL | http://127.0.0.1:8080/dialogues/{dialogueId}/participants/{participantId}/ |
| Method | DELETE |
| Request Body | None |
| Returns | JSON object:  {  "status" : "success"  } |

If the dialogue id or the participant id does not exist in the system, an error will be returned.

**9. Get information of a participant**

|  |  |
| --- | --- |
| URL | http://127.0.0.1:8080/dialogues/{dialogueId}/ participants/{participantId}/ |
| Method | GET |
| Request Body | None |
| Returns | JSON object:  (*todo*) |

If the dialogue id or the participant id does not exist in the system, an error will be returned.

**10. Get the list of ongoing dialogues**

|  |  |
| --- | --- |
| URL | http://127.0.0.1:8080/dialogues/ |
| Method | GET |
| Request Body | None |
| Returns | JSON object:  (*todo*) |

**11. Get the list of messages in a dialogue**

|  |  |
| --- | --- |
| URL | http://127.0.0.1:8080/dialogues/{dialogueId}/messages/ |
| Method | GET |
| Request Body | None |
| Returns | JSON object:  (*todo*) |

If the dialogue id does not exist in the system, an error will be returned.

**12. Get the list of participants in a dialogue**

|  |  |
| --- | --- |
| URL | http://127.0.0.1:8080/dialogues/{dialogueId}/participants/ |
| Method | GET |
| Request Body | None |
| Returns | JSON object:  (*todo*) |

If the dialogue id does not exist in the system, an error will be returned.