The IM2MDM demonstrator

A dialogue based interface for the meeting database

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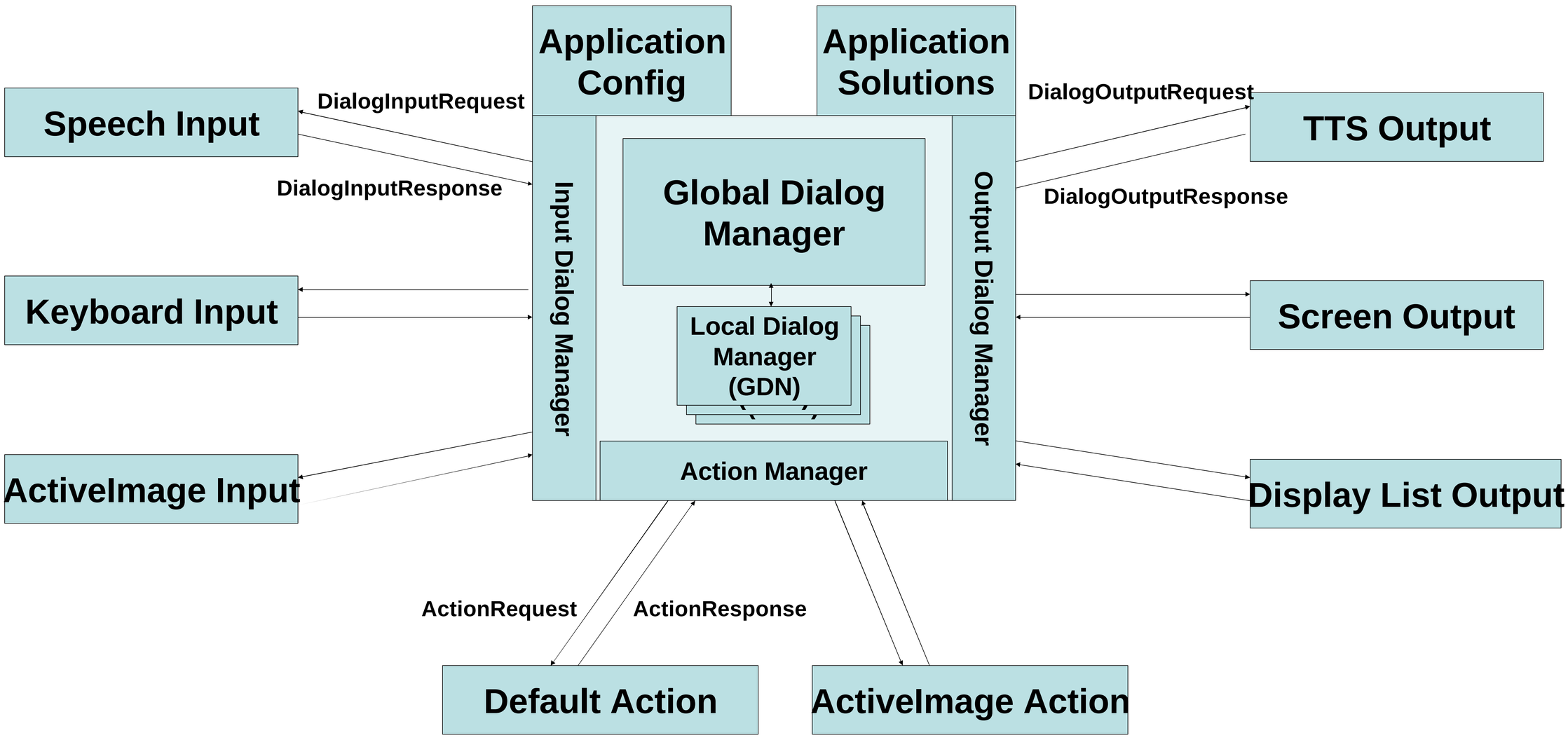
System architecture

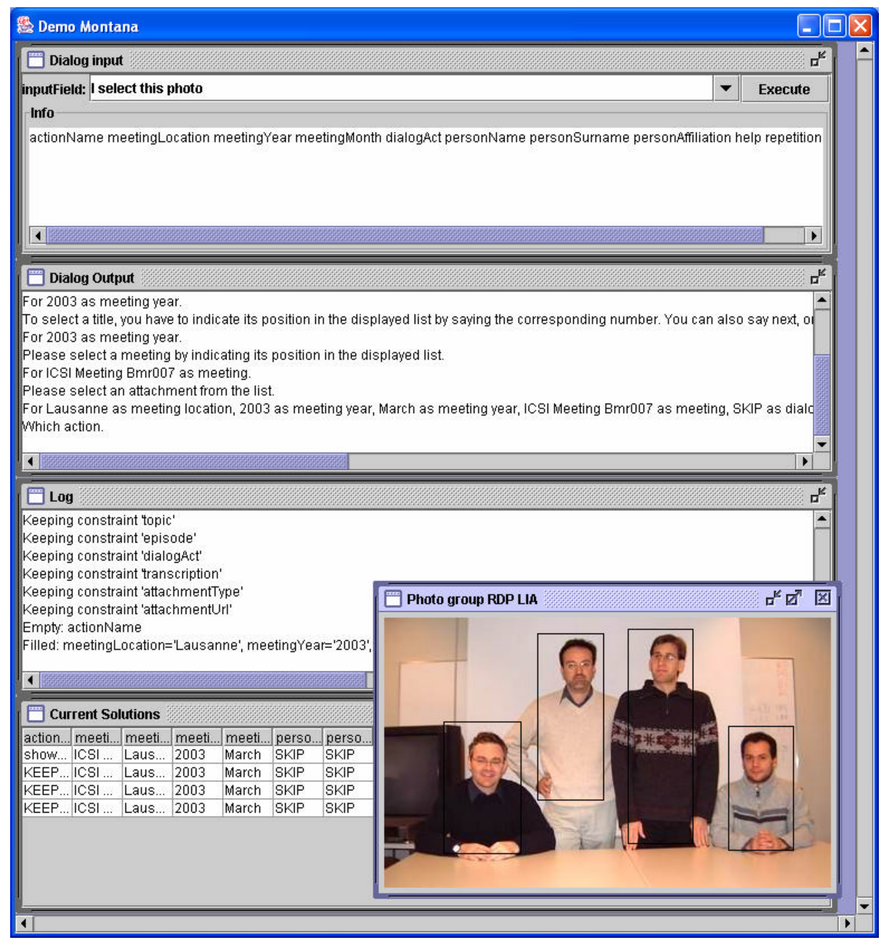


Application Config

- WebServices
- Database
- Help, repetition, restart
- Templates:
  1. Incoherence
  2. Implicit Confirmation
  3. Dead end
  4. Lists
- GDN:
  1. Simple
  2. List
  3. Confirmation
  4. Reconsider Value
  5. Select Alternative
  6. Select Solution

```
<node name="actionName" label="action" type="simple" threshold="1">
  <activeNodes>
    <activeNode>meetingLocation</activeNode>
    <activeNode>meetingYear</activeNode>
    <activeNode>meetingMonth</activeNode>
    <activeNode>personName</activeNode>
    <activeNode>personSurname</activeNode>
    <activeNode>personAffiliation</activeNode>
    <activeNode>dialogAct</activeNode>
</activeNodes>
<grammar>
  <item canonicalValue="showMeetingPhoto"/>
  <item canonicalValue="showPersonInPhoto"/>
  <item canonicalValue="identifyPerson"/>
  <item canonicalValue="showUtterance"/>
</grammar>
<prompts lang="en">
  <prompt type="main">Which action.</prompt>
  <prompt type="help">The possible actions are ....</prompt>
  <prompt type="noInput">I could not hear you.
                         Please indicate the action.
  </prompt>
  <prompt type="noMatch">I could not understand what you said.
                         Please indicate the action.
  </prompt>
</prompts>
</node>
```

Screenshot



Application solutions

Action Name	Meeting Location	Meeting Year	Meeting Month	Meeting Title	Topic	Episode	Dialog Act	Person Name	Person Surname	Person Affiliation	Utterance transcription	Attachment Type	Attachment URL
ShowUtterance	Geneve	2003	March	ISSCO 03	Agenda	propose	question	Vincenzo	Pallotta	EPFL	what was…		
ShowUtterance	Geneve	2003	March	ISSCO 03	Agenda	propose	statement	Vincenzo	Pallotta	EPFL	this is kno…		
ShowPhoto								Vincenzo	Pallotta	EPFL		ACtiveImage	http://liap...
…													