<table>
<thead>
<tr>
<th>Time</th>
<th>Monday: WG activity</th>
<th>Tuesday: WG activity</th>
<th>Wednesday:</th>
<th>Thursday:</th>
<th>Friday:</th>
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</thead>
<tbody>
<tr>
<td>9:00-12:00</td>
<td>[RoIS](Robotic Functional Services) WG(3h):</td>
<td>[RoIS](Robotic Functional Services) WG(3h):</td>
<td>12:00-14:00 LUNCH and OMG Plenary</td>
<td>12:00-13:00 LUNCH</td>
<td>8:30-12:00 AB, DTC, PTC</td>
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<td>12:00</td>
<td>[RoIS](Robotic Functional Services) WG(3h):</td>
<td>[RoIS](Robotic Functional Services) WG(4h):</td>
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<td>12:00-13:00 LUNCH</td>
<td>12:00-13:00 LUNCH</td>
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<td>13:00-18:00</td>
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<td>14:00-17:00</td>
<td>[RoIS](Robotic Functional Services) WG(3h):</td>
<td>[RoIS](Robotic Functional Services) WG(4h):</td>
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Please get the up-to-date version from [http://staff.aist.go.jp/t.kotoku/omg/RoboticsAgenda.pdf](http://staff.aist.go.jp/t.kotoku/omg/RoboticsAgenda.pdf)
List of Issues for RoIS Framework

OMG Kissimmee MTG
Robotic Functional Service WG
2011.09.19
Miki Sato (JARA/ATR)

issues (1)

* How to submit new issues?
1. What version is correct for XMI model on EA?
   (EA ver. 9.0 includes “OMG UML”, but ver. 9.1 does not include the model.)
2. Clarify relationship with ROS, RTC.
   SOLUTION: UNR-PF architecture and wrapping ROS & RTC.
3. Verify the ETRI’s implementation.
4. “condition” is not defined in detail.
5. In 7.5.2 “Command_Message_Profile”, there is no profile for the result parameters related with 7.4.3.2 “Command Result Message”.
6. In 7.4.3 “Message Data”, there is no definition of “Error Message” for “get_error_detail” method, and there is no profile for the result parameters for this message in 7.5.2.
7. In Table 29 “Component Profile”, occurrence of sub_component is N.
For example, if each sub component includes “RoIS_Common” as their sub_component, what will happen?

SOLUTION: occurrence should be “1”.

double definition!

issues (3)

8. In Table 30 “HRI_Engine_Profile”, parameters of HRI engine is defined in this profile. However, these parameter should be defined in the Component Profile of “System Information Component” for this Engine.
→ Need more discussions.

9. In Figure 17, “RoIS_Common” should be deleted.

10. In Table 34 “System Information”, “robot ref(List<RoIS_Identifier>)” is required for “robot_position” and “position_data” should be List<Data>.
issues (4)

11. In Table 36 “person_localization” (and other localization components), parameters of sensing-cycle and/or resolution (minimum position difference which sensor can distinguish) are required. These parameters should be added for (optional) get_parameter. Detection-cycle (multiple of sensing-cycle) and Detection-difference (larger than resolution) may be set by set_parameter.

issues (5)

12. In Table 44 “speech synthesis”, data type of the argument and result parameter of “character” should be “RoIS_Identifier”.
List of Issues for RoIS Framework

OMG Kissimmee MTG
Robotic Functional Service WG
2011.09.20
Miki Sato (JARA/ATR)

issues (1)

* How to submit new issues?

1. What version is correct for XMI model on EA?
   (EA ver. 9.0 includes “OMG UML”, but ver. 9.1 does not include the model.)
   SOLUTION: USE UML2.3

2. Clarify relationship with ROS, RTC.
   → Add description of UNR-PF architecture and wrapping ROS & RTC.

3. Verify the ETRI’s implementation.

4. “condition” is not defined in detail.
   → Add some examples in Appendix. Need more discussion.

5. In 7.5.2 “Command_Message_Profile”, there is no profile for the result parameters related with 7.4.3.2 “Command Result Message”.

6. In 7.4.3 “Message Data”, there is no definition of “Error Message” for “get_error_detail” method, and there is no profile for the result parameters for this message in 7.5.2.
issues (2)

7. In Table 29 “Component Profile”, occurrence of sub_component is N. For example, if the each sub component include “RoIS_Common” as their sub_component, what will happen?

e.g.)

```
start stop suspend resume
```

```
sub 1
```

```
person_detection
```

```
start stop suspend resume
```

```
sub 2
```

```
person_identification
```

- double definition!

-SOLUTION: occurrence should be “1”.

issues (3)

8. In Table 30 “HRI_Engine_Profile”, parameters of HRI engine is defined in this profile. However, these parameter should be defined in the Component Profile of “System Information Component” for this Engine.

→Need more discussions.

9. In Figure 17, “RoIS_Common” should be deleted.

10. In Table 34 “System Information”, “robot ref(List<RoIS_Identifier>)” is required for “robot_position” and “position_data” should be List<Data>.
issues (4)

11. In Table 36 “person_localization” (and other localization components), parameters of sensing-cycle and/or resolution (minimum position difference which sensor can distinguish) are required. These parameters should be added for (optional) get_parameter. Detection-cycle (multiple of sensing-cycle) and Detection-difference (larger than resolution) may be set by set_parameter.

issues (5)

12. In Table 44 “speech synthesis”, data type of the argument and result parameter of “character” should be “RoIS_Identifier”.

13. In 4.1. “Normative References”, ISO19143 should be added in the list.

14. In Table 7 “Error Type”, “PROFILE_CHANGED( tentative name )” should be added in the enumeration.

15. P.23 line 3, “each type of error” -> “each error”.

16. condition of “get_error_detail,” “get_command_result,” “get_event_detail” can be omitted. Need more discussions.
condition

1. get_profile / search / bind_any
   → “condition” is mainly used for selecting Engine/Component.
   engine_name, engine_ref, System Information( position, status(only for get_profile), operable time ), component_name, component_ref can be used as “common condition”. Other conditions may be treated as “component specific condition”.

2. get_error_detail / command_result / event_detail
   → ID for each message is enough for this purpose. “condition” can be omitted.

3. query
   → same as 1.

4. subscribe
   → There are two types, i.e., condition for selecting engine/component and condition for event occurrence. Need more discussions
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<thead>
<tr>
<th>TF/SHG</th>
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<th>Agenda Item</th>
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<tr>
<td>Sunday: WG activities (pm)</td>
<td>13:00</td>
<td>Robotics DDC4RTC submitters meeting</td>
<td>Arrangement</td>
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<tr>
<td>Monday: WG activity and Robotics-DTF Plenary (am)</td>
<td>9:00</td>
<td>Robotics DDC4RTC submitters meeting</td>
<td>Arrangement</td>
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<td></td>
<td>13:00</td>
<td>DDC4RTC (Robotic Infrastructure) WG(5h)</td>
<td>Discussion</td>
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<td></td>
<td>13:00</td>
<td>RoIS (Robotic Functional Services) WG(5h): Su-Young Chi (ETRI), Miki Sato (JARA/ATR) and Toshio Hori (AIST)</td>
<td>Discussion</td>
<td></td>
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<tr>
<td>Tuesday: WG activity (am) and Robotics-DTF Plenary (pm)</td>
<td>9:00</td>
<td>DDC4RTC (Robotic Infrastructure) WG(2h): Noriaki Ando and Seung-Woog Jung (ETRI)</td>
<td>Discussion</td>
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<td></td>
<td>11:00</td>
<td>Robotics Special Talk: (1h) TBA</td>
<td>Robotics plenary closing</td>
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<td>17:00</td>
<td>LUNCH</td>
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<tr>
<td>Wednesday: WG activity</td>
<td>9:00</td>
<td>DDC4RTC (Robotic Infrastructure) WG(3h): Noriaki Ando and Seung-Woog Jung</td>
<td>Discussion</td>
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<td></td>
<td>12:00</td>
<td>LUNCH and OMG Plenary</td>
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<tr>
<td>Thursday: WG activity</td>
<td>9:00</td>
<td>Robotics WG activity follow-up</td>
<td>Discussion</td>
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<td></td>
<td>13:00</td>
<td>Architecture Board Plenary</td>
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<td>Robotics WG activity follow-up</td>
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<td></td>
<td>12:00</td>
<td>LUNCH</td>
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Other Meetings of Interest

Monday

8:00 | OMG | New Attendee Orientation |

Tuesday

7:30 | OMG | Liaison ABSC |