

Robotics Domain Task Force Final Agenda ver.1.0.0							robotics/2011-09-01						
OMG Technical Meeting - Kissimmee, FL, USA -- September 19-23, 2011													
		TF/SIG		Agenda Item			Purpose	Room					
Monday: WG activity													
9:00	12:00			RoIS (Robotic Functional Services) WG(3h): - Su-Young Chi (ETRI), Miki Sato (JARA/ATR) and Toshio Hori (AIST)		discussion	Emerald Bay 5352, 5th FL						
12:00	13:00			LUNCH									
13:00	18:00			Architecture Board Plenary									
14:00	17:00			RoIS (Robotic Functional Services) WG(3h): - Su-Young Chi, Miki Sato and Toshio Hori		discussion	Emerald Bay 5352, 5th FL						
Tuesday: WG activity													
9:00	12:00			RoIS (Robotic Functional Services) WG(3h): - Su-Young Chi (ETRI), Miki Sato (JARA/ATR) and Toshio Hori (AIST)		discussion	Emerald Bay 5352, 5th FL						
12:00	13:00			LUNCH									
13:00	17:00			RoIS (Robotic Functional Services) WG(4h): - Su-Young Chi, Miki Sato and Toshio Hori		discussion	Emerald Bay 5352, 5th FL						
Wednesday:													
12:00	14:00			LUNCH and OMG Plenary									
18:00	20:00			OMG Reception									
Thursday:													
12:00	13:00			LUNCH									
13:00	18:00			Architecture Board Plenary									
Friday													
8:30	12:00			AB, DTC, PTC									
12:00	13:00			LUNCH									
Other Meetings of Interest													
Monday													
8:00	8:45	OMG		New Attendee Orientation									
Tuesday													
7:30	9:00	OMG		Liaison ABSC									

Please get the up-to-date version from <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?

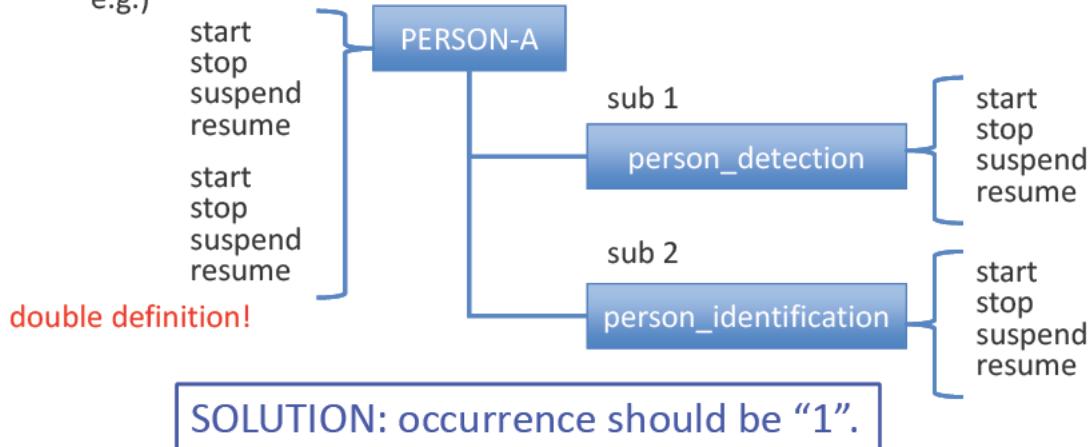
1. What version is correct for XMI model on EA?
(EA ver. 9.0 includes “OMG UML”, but ver. 9.1 does not include the model.)
2. Clarify relationship with ROS, RTC.
SOLUTION: UNR-PF architecture and wrapping ROS & RTC.
3. Verify the ETRI’s implementation.
4. “condition” is not defined in detail.
5. In 7.5.2 “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.

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.)



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?

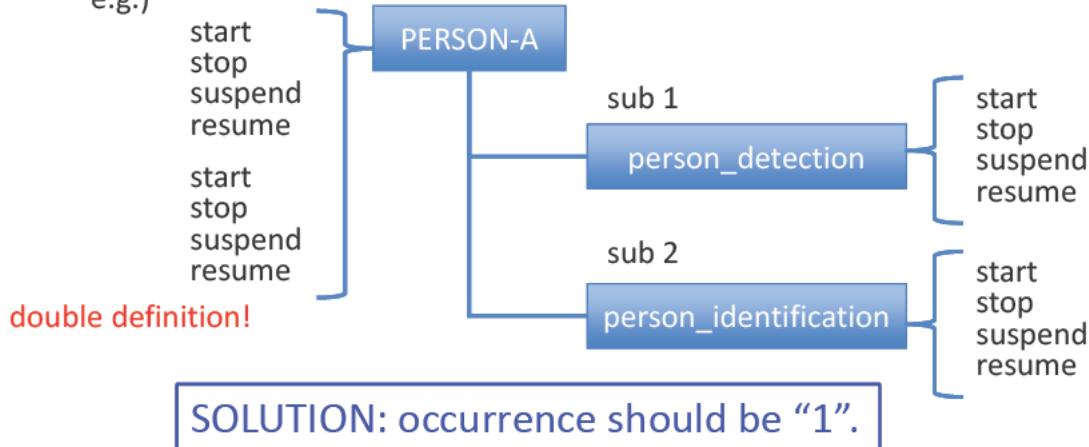
1. What version is correct for XMI model on EA?
(EA ver. 9.0 includes “OMG UML”, but ver. 9.1 does not include the model.)
SOLUTION: USE UML2.3
2. Clarify relationship with ROS, RTC.
→Add description of UNR-PF architecture and wrapping ROS & RTC.
3. Verify the ETRI’s implementation.
4. “condition” is 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.)



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

OMG Technical Meeting - Santa Clara, CA, USA -- December 12-16, 2011

TF/SIG

Host

Joint (Invited)

<http://robotics.omg.org/>

Agenda Item

Purpose

Room

Sunday: WG activites(pm)

13:00	17:00			Robotics DDC4RTC submitters meeting	Arrangement	
-------	-------	--	--	-------------------------------------	-------------	--

Monday: WG activity and Robotics-DTF Plenary(am)

9:00	11:00			Robotics DDC4RTC submitters meeting	Arrangement	
------	-------	--	--	-------------------------------------	-------------	--

?	?	MARS	Robotics	Revised Submission for DDC4RTC RFP Review, Vote-to-Vote, and Voting - Noriaki Ando (AIST) and Seung-Woog Jung (ETRI)	Joint with MARS	
---	---	------	----------	---	-----------------	--

LUNCH

12:00	13:00			Architecture Board Plenary		
-------	-------	--	--	----------------------------	--	--

13:00	18:00			DDC4RTC (Robotic Infrastructure) WG(5h) - Noriaki Ando (AIST) and Seung-Woog Jung (ETRI)	discussion	
				RoIS (Robotic Functional Services) WG(5h): - Su-Young Chi (ETRI), Miki Sato (JARA/ATR) and Toshio Hori (AIST)	discussion	

Tuesday: WG activity(am) and Robotics-DTF Plenary(pm)

9:00	11:00			DDC4RTC (Robotic Infrastructure) WG(2h) - Noriaki Ando (AIST) and Seung-Woog Jung (ETRI)	discussion	
------	-------	--	--	---	------------	--

11:00	12:00	Robotics		Special Talk: (1h) - TBA	Robotics plenary closing	
-------	-------	----------	--	-----------------------------	--------------------------	--

LUNCH

13:00	13:45	Robotics		Special Talk: (45min) - TBA	presentation and discussion	
-------	-------	----------	--	--------------------------------	-----------------------------	--

13:45	14:30	Robotics		Special Talk: (45min) - TBA	presentation and discussion	
-------	-------	----------	--	--------------------------------	-----------------------------	--

Break (30min)

15:00	15:30	Robotics		Talk: (30min) - TBA	presentation and discussion	
-------	-------	----------	--	------------------------	-----------------------------	--

15:30	16:10	Robotics		WG Reports and Discussion (Service WG, Infrastructure WG, Models in Robotics WG)	presentation and discussion	
-------	-------	----------	--	---	-----------------------------	--

16:10	16:30	Robotics		Contact Reports: - Makoto Mizukawa(Shibaura-IT), and Young-Jo Cho(ETRI)	Information Exchange	
-------	-------	----------	--	--	----------------------	--

16:30	17:00	Robotics		Robotics-DTF Plenary Wrap-up Session (DTF Co-Chair Election, Roadmap and Next meeting Agenda)	Robotics plenary closing	
-------	-------	----------	--	--	--------------------------	--

17:00				Adjourn joint plenary meeting		
-------	--	--	--	-------------------------------	--	--

17:00	17:30			Robotics WG Co-chairs Planning Session (Preliminary Agenda for next TM, Draft report for Friday)	planning for next meeting	
-------	-------	--	--	---	---------------------------	--

Wednesday: WG activitiy

9:00	12:00			DDC4RTC (Robotic Infrastructure) WG(3h) - Noriaki Ando and Seung-Woog Jung	discussion	
				RoIS (Robotic Functional Services) WG(3h): - Su-Young Chi, Miki Sato and Toshio Hori	discussion	

12:00	14:00			LUNCH and OMG Plenary		
-------	-------	--	--	-----------------------	--	--

14:00	18:00			DDC4RTC (Robotic Infrastructure) WG(4h) - Noriaki Ando and Seung-Woog Jung	discussion	
				RoIS (Robotic Functional Services) WG(4h): - Su-Young Chi, Miki Sato and Toshio Hori	discussion	

18:00	20:00			OMG Reception		
-------	-------	--	--	---------------	--	--

Thursday: WG activitiy

?	?	MARS		Joint Plenary with MARS (tentative) (reserved for DDC4RTC RFP Re-Review and Voting)	Joint with MARS	
9:00	12:00			Robotics WG activity follow-up	discussion	

12:00	13:00			LUNCH		
-------	-------	--	--	-------	--	--

13:00	18:00			Architecture Board Plenary		
-------	-------	--	--	----------------------------	--	--

13:00	18:00			Robotics WG activity follow-up	discussion	
-------	-------	--	--	--------------------------------	------------	--

Friday

8:30	12:00			AB, DTC, PTC		
------	-------	--	--	--------------	--	--

12:00	13:00			LUNCH		
-------	-------	--	--	-------	--	--

Other Meetings of Interest

Monday

8:00	8:45	OMG		New Attendee Orientation		
------	------	-----	--	--------------------------	--	--

Tuesday

7:30	9:00	OMG		Liaison ABSC		
------	------	-----	--	--------------	--	--

Please get the up-to-date version from <http://staff.aist.go.jp/t.kotoku/omg/RoboticsAgenda.pdf>