

MBSE WG 30/01/13

Minutes

- 1) Welcome & thanks from Chair
 - Thanks to TR & Cranfield University for hosting
 - And to GF for helping organise when TR got injured
 - The WG wishes him a speedy recovery
- 2) Introductions from attendees
 - details can be found in previous communications
 - Included a recap of current position
- 3) Initial round table discussion to formulate seed questions for consideration before (at GFs suggestion) breaking into 3 syndicate groups
 - Questions
 - What is MBSE?
 - What do we want to achieve with this WG?
 - Groups
 - 1 TR, JF, BP, JO & MH
 - Produced a list (recorded separately)
 - 2 JH, GF, DF & GC
 - Produced a SysML Context Diagram (recorded separately)
 - 3 AF, IMT, CB, JB & JT
 - Produced a list (recorded separately)
- 4) Review and discussion of materials produced by syndicate groups
- 5) It was agreed that while it was necessary to have one or more definition for MBSE (as a starting point for anyone interested in the subject) The pursuit of a single agreed definition would not be a fruitful activity
 - AF Reminded the WG of the excellent work done in the production of the Z9 Guide
 - This set should then be analysed for commonality / differences
 - It was agreed that we should however collate a set of reference definitions produced elsewhere
 - JF, CB & GC agreed to undertake this
 - JH agreed to provide existing material
- 6) It was agreed that all members should produce a short personal definition of MBSE
 - Following some discussion offline this has now evolved into the completion of a short survey since we are also interested other aspects
 - Questions should include
 - To what extent is MBSE practised within your organisation?
 - What are the challenges you face?
 - What are the benefits you see?
 - As with many aspects of the subject JH & SP have already done some work in this area
 - JH stated that members of the WG could review their (soon to be published) text on this subject
 - Subject to the usual restrictions on ownership and circulation etc
- 7) The question was raised (apologies as questioner not reordered) what competencies are required to practice MBSE
 - JT to progress
- 8) TR Suggested we should foster a wider membership as there was a large defence / security focused contingent present at this meeting.
 - INCOSE International & UK Architecture
- 9) Relationship with other groups
 - No volunteers were forthcoming at the time
 - JT to progress
 - It was agreed that it would be useful to have members dedicated to liaising with other groups in which we had a shared interest
- 10) ASEC 2013
 - It was agreed that the WG should aim to present a paper agh this years conference
- 11) Recap of agreed actions
- 12) Call for AOB

Attendees

- WG Chair
 - James Towers - Object Flow
- Co-opted Member
 - Tom Riley - Cranfield University
 - Ivan MacTaggart - AWE
 - Jon Holt - Atego
 - George Capel - GEC Marconi (Retired)
 - Jane Flower - REP Systems & Solution
 - Ben Potter - Cranfield University (Retired)
- INCOSE UK Technical Director
 - Andrew Farncombe - INCOSE UK
- Center for Railway Research & Education
 - Chris Bouch - University of Birmingham
- NMI
 - Jon Older - NMI
- Home Office
 - Dave Camm - Home Office
- Cranfield University
 - Graham Fletcher - Cranfield University
 - Martin Hill - Cranfield University
- MOD
 - John Barton - MOD

Apologies

- Will dial in later
 - Francis Thom - Rolls Royce
- INCOSE UK Comms Director
 - Robbie Forder - Hi-Q Systems
- WG Secretary
 - Steve Lilleyman - Purple Secure Systems
 - Chris Hayhurst - Mathworks

Actions

- Continue adding information to pages on INCOSE UK Website
 - JT - There are currently some technical issues which need to be addressed
- Progress delivery of a MBSE WG Wiki
 - JT
 - JF, CB, GC - JH Agreed to provided existing materials
- Collate MBSE Definitions
 - JT with help from co-opted members
- Produce and circulate MBSE questionnaire
 - All
- Complete MBSE questionnaire once received
 - JH - Subject to members agreeing to required restrictions on use and circulation
- Circulate JH & SP's text on competencies
 - JT
- Find members to liaise with other groups
 - JT
- Solicit wider involvement
 - JT
- Organise next meeting
 - JT & TR

Call with Fran Thom from Rolls Royce

- Participants
 - FT
 - JT
 - TR
 - GF
 - IMT
- Notes
 - 1) JT gave an overview of where the WG was
 - 2) JT posed the question "What would RR like to see the WG deliver"
 - FT responded with "Everything"
 - Making reference to the many challenges in rolling out MBSE
 - Especially the challenge of integrate a diverse number of disciplines and existing techniques
 - 3) The group noted that because RR were further down the road than most organisations (in implementing MBSE) then initially the WG would probably learn more from RR than the reverse
 - It was suggested that the WG should try to find very specific and well defined topics that would be of interest to RR where it may be possible for it (the WG) to add value
 - 4) FT Highlighted some of the challenges that RR were seeing
 - 5) IMT Indicated that he thought AWE could learn from RRs experience

Next Meeting

- Of full WG
 - it is expected smaller collaborations will occur before then
- Hosted By CB at University or Birmingham
- Exact date TBC
- Scheduled for mid April
- JT & TR to organise