

Meeting Agenda: INCOSE PBSE Patterns Challenge Team of MBSE Initiative (Web conferenced)

Tuesday, June 16, 2015, 4:00 – 5:00 PM Eastern Time

Pre-reading and Background: Team web site: http://www.omgwiki.org/MBSE/doku.php?id=mbse:patterns:patterns Materials of meeting of May 19, 2015: http://www.omgwiki.org/MBSE/doku.php?id=mbse:patterns:patterns_challenge_team_mtg_05.19.15	4:00 – 5:00 PM EST								
Meeting start up: <ul style="list-style-type: none"> • Review of meeting objectives and agenda • Introduction of participants • Why the Patterns Challenge Team exists: Goals and approach 	4:00 – 4:05								
Announcements and updates: <ul style="list-style-type: none"> • Our team will meet twice during IS2015, on site in Seattle and on line: <ul style="list-style-type: none"> ◦ <u>Sunday, July 12 (15:00-17:00 Pacific Time) and Monday, July 13 (13:30 - 15:00 Pacific Time)</u> • INCOSE Great Lakes Regional Conference (GLRC9) 2015: Cleveland, October 23-25, 2015: https://www.incose.org/newsevents/currentevents/2015/01/14/incose-great-lakes-9th-regional-conference-2015-(glrc9) • Look for five or our team’s papers at IS2015, Seattle, July: Pickard (best paper award); Cook; Peterson; Sanyal; Schindel • Agile SE Life Cycle Model (ASELCM) Project (joint w/Agile WG) host enterprise workshops to begin August; five orgs in pipeline • Other announcements or updates? 	4:05 – 4:15								
PBSE technical subjects—discussion of: <ul style="list-style-type: none"> • Attribute parametric couplings: Stakeholder Feature Attribute – Technical Role / Requirements Attribute Couplings • Attribute parametric couplings: Technical Role / Requirements Attribute – Physical Component Attribute Couplings • The System Phenomenon <p><i>(For those interested in catching up on past PBSE material, refer to the May 19 team meeting materials on: “PBSE Methodology Summary” document, plus meeting slides on:</i></p> <ul style="list-style-type: none"> • <i>Brief review of HLR (high level requirements framework) portion of S*Metamodel</i> • <i>Criticality of Interactions to the heart of MBSE and PBSE, science and engineering</i> • <i>Viewing Requirements Statements as non-linear Transfer Functions</i> • <i>Gestalt Rules in PBSE – and their connections to the above and applications in understanding system patterns</i> <p><i>Those materials may be found at: http://www.omgwiki.org/MBSE/doku.php?id=mbse:patterns:patterns_challenge_team_mtg_05.19.15)</i></p>	4:15 – 4:50								
Planning discussion: <ul style="list-style-type: none"> • Discussion of candidates for focus of Patterns Challenge Team meeting at IS2015 in July; meeting schedule for same • Future (Third Wave) Projects Pipeline Candidates: <table border="1" style="width: 100%; border-collapse: collapse; margin: 5px 0;"> <tr> <td style="padding: 2px;">Mapping PBSE to COTS Tools and Information Systems</td> <td style="padding: 2px;">Example SOS Pattern (Joint with SoS WG)</td> </tr> <tr> <td style="padding: 2px;">Mapping to ISO 15288; Processes vs. Data (Maps vs. Itineraries)</td> <td style="padding: 2px;">Supporting INCOSE objective for SE model-based; Case for Stronger Model Semantics</td> </tr> <tr> <td style="padding: 2px;">PBSE Implementation Strategies</td> <td style="padding: 2px;">Other interests from team members</td> </tr> <tr> <td style="padding: 2px;">Example Product Line Engineering (PLE) Pattern (Joint w/PLE WG)</td> <td style="padding: 2px;"></td> </tr> </table> <ul style="list-style-type: none"> • Future meetings schedule: Pace, rate, calendar • Outreach: Who else should be involved? Example—other INCOSE WGs that are natural Patterns applications. Ideas? 	Mapping PBSE to COTS Tools and Information Systems	Example SOS Pattern (Joint with SoS WG)	Mapping to ISO 15288; Processes vs. Data (Maps vs. Itineraries)	Supporting INCOSE objective for SE model-based; Case for Stronger Model Semantics	PBSE Implementation Strategies	Other interests from team members	Example Product Line Engineering (PLE) Pattern (Joint w/PLE WG)		4:50 – 5:00
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