Minutes of 30 December 2001 Meeting

of the IEEE P1016 Working Group

"Old Business"

The following action items were raised at the previous P1016 meeting, 18 November 2001. Their status is now as follows:

Action: Rich Hilliard (RH) will look for appropriate venues for that time frame.
Status: Submitted to Basil Sherlund via email.

Action: RH will keep detailed schedule.
Status: See next item.

Action: All should send inputs to RH for detailed schedule.
Status: No schedule items have been received.

Action: RH add BS 7738–1:1994, Specification for information systems products using SSADM (Structured Systems Analysis and Design Method). Implementation of SSADM version 4 RH will add to the baseline documents set.
Status: Done.

Action: Basil will get names for SESC 10 dictionary people and project editor people.
Status: Ted Byrne supplied R Lewis as point of contact.

Action: Ira Sachs will draft D and E, possibly combining into a single formal methods annex.
Status: Annex drafts deferred until d0.4 (February draft).

Action: Stevan Mrdalj (SM) and Dr J will capture meta models and distribute.
Status: Initial meta models were captured and distributed as part of draft d0.2.

Action: Judith Speights (JS) will track the completeness/continuity of 830, 1016 and 1012, wrt content.
Status: Deferred.

Action: JS will draft a position (via email) on design acceptance criteria and their role in P1016.
Status: Deferred.

Action: All inputs based on D0.1 should be sent to editor by 29 November.
Status: Overtaken by events, see last item.

Action: All review D0.2 by 14 December, comments to Editor.
Status: Overtaken by events, see last item.

Action: Participants meeting via videoconference around 16 December, to incorporate comments and make Go/No Go decision: Release to draft reviewers.
Status: 16 Dec meeting took place 30 December.

"New Business" Agenda

The goal of the 2nd P1016 Working Group meeting was to review draft d0.2 first for omissions and, then discuss alterations starting with clause 1 and working through clause 6, and a discussion of a new annex G, "SDD suggested table of contents".

The discussions led to an interim draft d0.2working (attached).

Morning Session[1]

Meeting started with Sachs, Sherlund, and Dr. J at 9am.

Dr J started with title page. Changed keywords - eliminated "software life processes". Added keywords: "instance design", "abstract design", "design pattern" and "design situation".

Introduction: Dr J will write 1-2 paragraphs for this.

Purpose: last paragraph. Add reference to 12207.1 Software Life Cycle Data in first phrase, 12207.0 is Software Life Cycle Processes.

Think about wording on standard is applicable ... sentence 3rd paragraph

The standard is applicable when a SDD is captured using automated databases, software development tools, and design description languages. Paper documents and other means of descriptions can also be used.

Limitations - delete square parenthesis and include comma instead.

This extends to design situations where a design description is to be recovered during implementation.

Afternoon Session

The afternoon session continued making revisions to the d0.2 document.

These are captured in the attached version.

New Action Items

Action: ALL submit comments on d0.2 via the wiki and use collaboration on solutions.

Action: Joaquin to complete/alter definition of "design entity".

Action: JS to prepare more details on clause 4.5 for January meeting.

Action: RH to consolidate clause 5.2 requirements on conforming SDD.

Action [Dr J]: Entire clause 5 needs to be revised after completing the draft for clause 6.

Action: Basil to request meta model from IEEE 830 WG (re clause 5.3.3).

Action: Dr J to provide detail relationship with Requirements metamodel, internal working version; both meta models to be consolidated at January meeting (re 5.3.3).

Action: Dr J to draft following in 6.4, recommended viewpoints: Decomposition (in terms of subsystems and components); Static structure (in terms of classes and objects); Persistent data; Interface description (including content, expected services, GUI mock-up and dialogs); Flow of concurrent activities; and Deployment.

Action: Other viewpoints in 6.4 to be assigned.

Action [unassigned]: Elaborate on the correspondence with SWEBOK design views in 6.4.

Action: SM to prepare template for design language annexes to be available by 16 Jan.

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[1] These notes on the morning session were provided by Ira Sachs.

Current Schedule

Next Draft

13 January is deadline for inputs to Editor for draft d0.3.

16 January, Editor circulates d0.3 to WG participants, in preparation for next meeting.

Next Meeting

Next meeting is 20–21 January 2002, near Savannah, GA (at Georgia Southern University), hosted by Dr J.

Attendees

Basil Sherlund

Vladan Jovanovic

Ira Sachs

Joaquin Miller

Rich Hilliard (by phone)