

IEEE P1016 Working Group: Software Design Descriptions

What's
New?

Welcome!

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This is the web site for the IEEE Working Group (WG) P1016, developers of *IEEE Standard for Information Technology — Systems Design — Software Design Descriptions*, the revision to IEEE Std 1016–1998 (*Recommended Practice for Software Design Descriptions*).

The goals for this revision were:

Useful
Links

1. raise IEEE 1016 from a Recommended Practice to a full Standard;
2. harmonize with design practices in [Software Engineering Body of Knowledge](#) (SWEBOK);
3. eliminate any conflicts with ISO/IEEE/IEA 12207;
4. harmonize with IEEE Std 1320.1 (IDEF₀) and IEEE Std 1320.2 (IDEF_{1X}); and
5. address component-based design and other emerging design approaches.

What's New?

- April 2010: IEEE Std 1016 is under consideration for submission to ISO for fast-track balloting as an international standard.
- 21 Mar 2009: P1016 was approved as a revision standard by the IEEE-SA Standards Board on 19 March 2009. It will be published as IEEE Std 1016–2009™ *Standard for Information Technology — Systems Design — Software Design Descriptions*.
- 9 Sep 2008: A draft of P1016 has been submitted to IEEE for Mandatory Editorial Coordination; the editor will make the changes required by IEEE to create a balloting version. The ballot group has been formed. Keith Middleton will serve as WG acting chair.
- 12 Mar 2008: This is an update on the status of IEEE P1016. Dr Jovanovic has resigned as chair (due to family matters). Rich Hilliard agreed to stay on as secretary/editor to help get the document to a first ballot.
To that end, please review the last draft (IEEE P1016/D5.0, dated: 12 December 2005) for any changes we should make before going to ballot. The draft may be downloaded here: ([pdf](#)). If you have comments, please send them to the [editor](#) no later than 4 April 2008.

- 7 Dec 2006: Rehomed the P1016 web site. Thanks to [DSCI](#) for these resources, and a special thank you to [Pithecanthropus Consulting, Inc.](#) for many years of support in hosting the P1016 site.
- 9 Aug 2002: P1016 D1.0 released to reviewers
- 1 Feb 2002: Semi-annual report to SESC released
- 7 Nov 2001: PAR and Project Plan approved by SESC EXCOM
- 3 Nov 2001: Initiated Call for Reviewers
- 2 Nov 2001: P1016 Project Plan submitted SESC EXCOM
- 15 Oct 2001: P1016 PAR submitted to SESC Management Board

WG Participants

- William Bartholomew
- Ted Byrne
- Bob Cook
- Rich Hilliard, *editor*
- Vladan V Jovanovic, *chair emeritus*
- Philippe Kruchten
- Kathy Land
- Keith R. Middleton, *acting chair*
- James Moore
- Basil Sherlund, *chair emeritus*
- Ira Sachs

Useful Links

- [IEEE Computer Society Software and Systems Engineering Standards Committee S2ESC](#) is P1016's sponsor.
- [IEEE Standards Page](#)
- [Upcoming Software-related Conferences](#)
- [ANSI/IEEE Std 1471 Page](#)
- [ISO/IEC Open Distributed Processing](#)