

ISO WG14 / MISRA C Liaison Report

Venue: ITI, Washington DC, USA

Meeting Date: Mon 24 October – Fri 28 October 2011

MISRA C Working Group Activities

The working group is over-running and has missed its target of May 2011 for completion of the draft of its third version of the MISRA C Guidelines. The revised target is to complete the draft by the end of 2011.

The vision for this version of the MISRA C Guidelines remains:

- Adopt C99 as the base standard but retain guidance for C90 too
 - Deal with C99 new language features (C99-only rules)
 - Rescind, for C99, rules that are now redundant because of changes to the language (C90-only rules)
- Correct known issues with the second version of MISRA C, issued in 2004
- Add new rules for which there is a good rationale
- Improve the rationale for existing rules
- Rescind existing rules for which the rationale is weak
- Increase the number of rules that are amenable to static analysis
- Address automatically-generated C code

Document Publication Process

MISRA will make the draft guidelines available for public review very shortly after their completion. The deadline for submission of comments will be around 4 months from issue and publication will be by end of 2012.

MISRA has opened pre-registration for the public review. Anyone wishing to participate in the review can find more information and an application on the MISRA C website. Go to <http://www.misra-c.com/> and click the News tab.