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Report of Certification Study Group



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Certification Study Group Report

- **Resolution 793 of the May 2004 Plenary established a study group to look at standards for professional certification of software engineers.**
- **This group, chaired by Steve Seidman, presented an interim report to the October 2004 meeting of WG20 and submitted its final report earlier this year.**
- **The report makes the following recommendations:**
 - **A working group should be established to look at establishing international standards for the certification of software engineers.**
 - **The working group should endeavor to coordinate its activities with WG20.**

- **The contents of the report shall provide a basis for the working group's discussions.**
- **The report concludes that**
 - A standard for professional certification of software engineers may possibly resemble a reference model. Conformance of a particular national approach to an international standard for the certification process would require mapping this approach to the reference model. Such a conformance document should include a statement about the mapping of the underlying body of knowledge, appropriate skills, and/or examination specification to international standards, such as ISO/IEC 12207, ISO/IEC 15288, and ISO/IEC TR 19759.
 - The reference model should be used by each certification body as a basis for work with its counterparts in other countries to provide for portability and mutual recognition of software engineering certifications. It must therefore take account of current European efforts to develop tools that support transfer and transparency of qualifications and competences.

- The reference model should help each certification body to establish an approach to international recognition of the status of individuals recognized as professional (licensed, chartered, or the equivalent) software engineers in its countries or individuals who have been certified through national peer-based certification processes.
- **A NWI proposal has been submitted, requesting that WG20 and SC7 call for a ballot to establish the proposed working group.**