



Success Criteria for Software Quality Determination and assessment of success criteria

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CreateSpace Independent Publishing Platform. Paperback. Condition: New. This item is printed on demand. 54 pages. Dimensions: 8.0in. x 5.0in. x 0.1in. Software defect prevention and software quality have been constantly improved over the past years, e. g. by applying various methods and measures and using modern programming languages. As the complexity and the scale of the software (SW) that has to designed are continually growing, it is necessary for the software quality to keep in step with this development. However, keeping in step is not enough because software applications are used more and more in security-related areas where e. g. human lives are at risk. One aspect of a further optimization of SW quality therefore is the determination of the success criteria that lead to a further prevention of errors. This prevention of software errors is especially important in the initial phases of software development. The following text therefore shows the essential success criteria for reducing errors and consequently further improving SW quality. The author determined these success criteria in an extensive analysis, e. g. by thorough review of relevant literature, results of congresses on SW quality, interviews and considerable own professional experience. In the interviews with 18 experts in 3...



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