



Ministério da
Ciência e Tecnologia



Introduction to the Survey Development of Software Capability/Maturity Models

we are inviting you participate in a survey on **how software capability/maturity models are developed and evolved**. In this context, we understand as software capability/maturity models, models describing life cycle processes, based on good engineering and process management principles and a set of process attributes comprising the capability/maturity aspects, suitable for the purpose of assessing and/or improving processes.

The survey is being conducted as part of a PhD research at the Federal University of Santa Catarina in cooperation with the CTI – Center of Information Technology Renato Archer (Brazil).

Today, there exist a vast variety of capability/maturity models, yet, very little information is available on how those models have been developed or are being evolved. This survey will help in identifying how currently capability/maturity models are developed as a basis for the consolidation of methods to develop new models or adaptation of such models for specific domains.

We are inviting you as author or co-author of one or more papers on a software capability/maturity model. The completion of the enclosed questionnaire should not take more than 60 minutes. We appreciate that this is a substantial investment of time – and as an appreciation for your participation in this survey, you will receive a report of the results of the survey. All responses will be assembled as is and used for generalization and comparison. We intend to publish the results as technical report and research paper.

When answering the survey, please keep in mind that the focus of this research is on the development of the capability/maturity model itself and not, e.g., an accompanying assessment method.

Based on knowledge engineering methods and common standard development processes, we identified a basic set of steps in order to guide the description of the development process. Yet, if necessary, please feel free to change the order of steps, include new ones or delete any which do not apply.

In order to separate also clearly between the initial development process and later evolution processes, we would also like you to consider for the development process the development of the first version of the model and than any further update as part of the evolution process.

The survey is coordinated by Jean Carlo R. Hauck. If you have any questions, please get in contact via email maturitymodelsurvey@gmail.com.

Please return the completed form via email maturitymodelsurvey@gmail.com no later than **25 June 2009**.

Thank you very much – your contribution is crucial to the success of this study!

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