Abstract

In spite of the potential benefits that the correct application of software verification and validation processes, techniques and tools can provide; the institutionalized use of them in the software industry does not reach the minimum capability levels required to gain the mentioned benefits. Moreover this circumstance is aggravated in the small and medium software intensive organizations due to the lack of available human and economic resources. In this paper, the 10 more important factors that prevent the correct institutionalization of the software verification and validation efficient practices are presented. These factors are obtained from the authors experience in several software process improvement initiatives related to software verification and validation processes.