Carlos Dias Alvarez

"Uma Proposta para Aplicações Web Centrada na Aplicação de um Design Pattern"

The Internet and World Wide Web technologies allow commercial applications to use the potential this tools offer. Complex Web applications, as commercial applications, require an effort of the developers with Analysis, Design and Implementation activities in a way that it is possible to satisfy quality standards required for the software: high modularity, maintainability and reusability. Web applications require an additional effort at the Design phase because the traditional modeling tools do not express in appropriate way the environment characteristics. To improve this tools and technics, this work analyzes two existent proposes: Conallen and Schwabe. This work was accomplished according an experimental approach - the modeling of a system with realistic characteristics to test and validate the propositions in question. A new propose is then elaborate from the previous study, which combine the positives and add a "design pattern " - Web Vision, with the goal to maximize the separation between the presentation and the application model, proposing a modeling pattern to vision layer classes of the Model-Vision-Control.