The X-Gov project intends to develop a framework for deploying crossmedia government services.

Despite the growth in the number of internet users in Brazil, internet is still less representative in citizen’s life than television and cell phones. Electronic government in Brazil should explore these communication media. The X-Gov project objective is to provide Governments with a tool to leverage the benefits of using crossmedia in government-to-citizen services, while reducing the effort in development process.

Crossmedia systems deliver content by orchestrating multiple media, in such a way that the user interaction is directed to different communication channels, fully exploring the potential of each one. Crossmedia applications make complementary, corroborative or even simultaneous usage of several media and different content formats to convey a rich user experience. The digital native generation is used to crossmedia in games and advertisements, thus they are the target audience for using crossmedia government (x-gov) services.

The X-Gov framework is a technological infrastructure that aggregates reusable components that implement common tasks in G2C services, like paying a tax or tracking one’s request and crossmedia transitions that moves the user interaction across the media.

**X-GOV FRAMEWORK RESOURCES**
- Graphical tool and Domain Specific Language for easy x-gov service description
- Seamless transitions between internet, mobile computing, interactive television and
- Software components implementing 18 government service task-patterns for each medium
- Integrated control of user crossmedia session
- Multimedia content management
- Internal service-oriented architecture designed for flexibility and evolution
- Web services for connection with government legacy applications

**DEVELOPMENT PROCESS**
As crossmedia services are not available for analysis, our approach to obtain a framework is spiral process in which successive proofs-of-concept are developed, each one focused on answering relevant research questions, so that each cycle contributes to the evolution of the final architecture. Presently, three proofs-of-concept have been developed.
MAIN RESULTS

THESIS AND DISSERTATIONS

Domingues W.B. Linguagem específica de domínio para governo eletrônico em mídia cruzada. Master dissertation in progress. Instituto de Pesquisas Tecnológicas (IPT).


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