Software Life Cycles for e-Commerce Businesses

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The new, growing, and changing forms of electronic business have demanded a radical change to our notion of the software lifecycle. In addition to dealing with the usual software development issues managers of Web businesses are now faced with numerous requests and changes from many diverse domains including the following:

Software development, content development, advertisements, news, announcements, message boards, database, related links, FAQ's, prices, products…

These Web domains are different in nature, overlap in time, and each requires a distinct lifecycle. This talk will describe groupware maintenance coordination of projects, policies, and people to many concurrent Web domains.

Not only has the rate of change accelerated beyond our classical lifecycles capability but also the demands of high quality and low cost are beyond our past capabilities — how to leverage specific outside tools to meet these demands will be presented. This presentation will focus on a spirit of collaboration and cooperation expressed in Web lifecycles and compare that with the traditional lifecycles that were characterized by command and control. The synergy of workflow management, knowledge management, and collaboration tools will be applied to the highly volatile e-business environment.

The following topics will be included:

- Software infrastructure tools for building, running, and improving a Web based business.
- Web maintenance request arbitration — the domains, policies, and automated workflow.
- Project, People, and Policy Collaboration as the backbone.