



Disseminating and Monitoring Environmental Information through Community Information Systems

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Computer Systems Group Research Program

- Software Engineering
- Component & Web-based
- Minimize programming and maintenance
- Help community organizations use IT more effectively

Project Goals

- Improve the ability of organizations to “tell their own story”
- Enhance the types of online community information
- Provide affordable access to technology and expertise
- Increase sustainability of on-line access to information



Methodology - Partnerships

- CSG + Social Planning Council of KW
- Other community organizations
- Partners
 - know their community
 - own and maintain data
 - administer own learning space



Methodology - Technology

- Electronic information network/utility
- Component-based toolkit
- Integrated yet distributed
- Database driven
- Minimize programming
- Minimize maintenance
- Sustainability is a high priority



Technology Overview

- A suite of frameworks, tools, processes and services to enable organizations to better tell their own stories
- Database presentation to the web
- Remote administration
- Partner-maintenance and ownership
- Academy of Learning for background info, tutorials, best practices



Demonstration



Summary of Components

- Web-based database presentation/maintenance
- Mapping
 - Show one or more items on a map
 - Search the map (box, circle, polygon)
 - Post to the map (update location, attach content)
- Notifications (e-mail, fax, single, broadcast)
- Agents
- Authorization service (enable community input)
- Content indexing, keyword/phrase searching, error checking (spelling check, missing images, broken internal/external links, etc.)
- Education tools (StudySpace online/standalone)



Contact Us

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