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Ektron eWebEditPro case study

Regione Veneto (developed by IWA Italia)

Regione Veneto, a government representative, needed a content authoring and editing solution that would comply with W3C guidelines and allow data to be input from many sources in different locations—all in an easy-to-navigate site.

"Ektron eWebEditPro was chosen because of its feature list, low cost, reliability, and its ability to produce efficient XHTML code." —Roberto Scano, EMEA Coordinator of IWA/HWG

Organization:

REGIONE DEL VENETO

Regione Veneto is one of the most important Italian local government representatives. Regione Veneto is a tourism area (with cities like Venice, Padua, Verona) and one of the most powerful commercial areas of Italy. It guides the policy for the Veneto area regarding health, commerce, traffic, tourism, and other services for the public.

Developer

The Web site structure and

the CMS that organizes the content was created by Roberto Scano, EMEA Coordinator of IWA/HWG with support from Marco Trevisan (www.bazzmann.com), for the accessible layout of the Web site. IWA/HWG is the leading association of Web professionals and a W3C Member.

Challenge

The Regione Veneto agency needed a content management solution for the regional government Web site. Their current Web site was primarily a static site, with a different layout for each of the different offices. Regione Veneto's challenge was finding a way to provide a more efficient, accurate, and up-to-date Web site.

Their requirements for a content management solution included:

- allowing data to be input quickly and easily from a variety of sources
- an easy-to-navigate site
- "Level A Web Accessibility" as defined in the Content Guidelines made by W3C

Solution

Roberto Scano, EMEA Coordinator of IWA/HWG, created a content management solution using ASP and database technology. He integrated Ektron eWebEditPro, which was customized to comply with the level AAA of accessibility requirements.

"Integration of the Ektron eWebEditPro WYSIWYG editor into our custom-built content management solution was extremely simple," says Scano.

The layout was created by Marco Trevisan, accessibility specialist of IWA/HWG.

"Ektron eWebEditPro was chosen because of its feature list, low cost, reliability, and its ability to produce efficient XHTML code." —Roberto Scano, EMEA Coordinator of IWA/HWG

The content management solution was set up to manage several components of the Web site, including:

- Administrative organization
- Web pages
- Sections
- Press office
- Administrative documents
- Newsletter
- Sharing content in XML-RSS

Result

With Ektron eWebEditPro in place, "now more than 100 content contributors in all of our offices can add and edit Web site content," says Scano. "eWebEditPro's interface is so familiar to users of Microsoft Word that the training requirement was minimal, and the business users have been able to get up and running quickly."

Technical information

- The content management solution created by Roberto Scano is a modular framework written entirely in ASP, using MS-SQL Server database for storage.
- Information is stored in a hierarchical structure defining the "map" of the overall Web site.
- The configuration settings on each page

The different components of the Web site all integrate tightly with each other. For example, the press office system also powers an e-mail newsletter where administrators can send a series of headlines to registered users on the system.

The output is XHTML 1.0 well-formatted code, which meets the following standards:

- validated by W3C (http://validator.w3.org)
- adheres to the level AAA of the Web Content Accessibility Guidelines 1.0 (http://www.w3.org/WAI)
- well-validated by Bobby Worldwide (http://www.cast.org/bobby)

and within each data module allow flexible systems to be created with maximum extensibility.

Learn more about Regione Veneto, or the developer IWA Italia.

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