



## Région Wallonne DGEE site

*Integrated access to continuously updated documents and data on the economic support measures of the Walloon government*

### Challenge

The Ministère de la Région Wallonne, Direction Générale de l'Économie et de l'Emploi, (<http://mrw.wallonie.be/dgee/>) is responsible for the administration of the economic policy of the Walloon Government. With a new public Internet site, the DGEE wanted to offer to companies, institutions and citizens a continuously updated source of information on the Walloon economy. In particular, the site had to offer free and easy access to 3 databases: *Midas* (public incentives available to Wallonia-based firms), *Industrie* (contact details of Walloon manufacturing companies) and *Sous-traitance Métal* (contact details of Walloon metal subcontracting companies). These databases already existed on CD-ROM, but now had to be made available through the Web, integrating the factual data in the databases with the frequently changing paper documentation about the different support measures.

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### Solution

To integrate the creation of the paper documentation into the production cycle of the Web site, the existing authoring environment (MS Word) was customized so that the document authors are now able to create their documents in a more structured and controlled way. These documents are converted into browser-independent HTML at scheduled intervals and automatically linked to the corresponding factual data in the different databases. The HTML files are managed in a file-based document store and first uploaded to a staging server for quality control (content completeness, hyperlink integrity, etc.) before being sent to the actual production server. This integrated HTML content management environment allows the end-users to administer the entire Web site without any external support. The seamless integration between the frequently changing HTML files and the factual data stored in the 3 databases is achieved using Java servlets. The use of a Java servlet engine as the middle tier between the Web browser and the document store + databases made it possible to achieve greater platform-independence for the application logic and better Web site performance than when using conventional CGI scripts or ASP pages.

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### Technical details

Features supported:

- display of query results with associated documents
- easy end-user control over legacy document conversion
- interactive conversion scheduling and site production cycle

Tools used:

- servlet engine: ServletExec
- conversion engine: HTML Transit
- development languages: Java, Visual Basic

Platforms:

- server: Windows NT
  - clients: Windows 95/98/NT, Macintosh, Unix
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### For more information

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