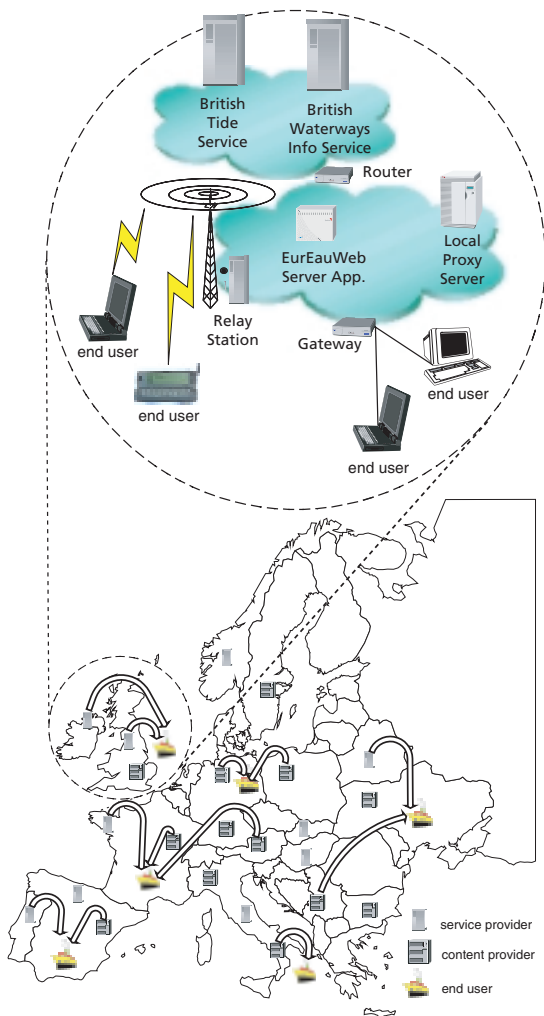


EurEauWeb

European Waterways Networked Information System



Overview

The aim of the EurEauWeb is to develop an information system for users of the European Waterways. Boaters, anglers or hikers, who drive on or walk along the waterways, are interested in getting up-to-date information about their current locations and about possible destinations. The information requested ranges from, e.g., general description of a city, to very specific information, e.g., waiting times at the next lock. Furthermore, boat operators and official authorities are interested to stay in contact with boat hirers and users, e.g., to monitor the boat status or to handle emergency situations.

Approach

Due to the wide range of interests, it is necessary to have an open, service-based system architecture. Such an architecture guarantees that several service and content providers can contribute information to the EurEauWeb system.

Users have the following possibilities to access the EurEauWeb system:

■ EurEauWeb MOBILE

The EurEauWeb client consists of components for service access and visualization of location-based information, e.g., to display an overview map of the current area, and include all marinas that have a filling station. The client can be used on mobile devices like PDAs and Laptops as well as on a stationary PC.

■ EurEauWeb Portal

EurEauWeb services can also be accessed from every computer via the Web Portal. The portal provides the same functionality as the client application, with the advantage that the user does not have to install any additional software.

Innovation

The project addresses several technology areas like location aware information, mobile access to complex information, service discovery and service integration. IPSI's contribution to the project is the design of service infrastructures, as well as a system for dynamic discovery and access to services. Additionally, IPSI develops efficient and scalable methods for the mobile access to complex, heterogeneous and dynamic data provided by content services to accomplish up-to-date information.

Project Partners

EurEauWeb is a European Union project (IST 34182). The following companies and institutes contribute to the project:

- Human Factors Research Group
University College Cork, Ireland
- Fraunhofer IPSI, Germany
- Lancell Systems, Spain
- Centro di Ricerca, Sviluppo e Studi
Superiori in Sardegna, Italy
- Softeco Sismat, Italy
- Radicalmedia, Portugal
- Euromapping, France
- British Waterways, UK
- Marketing Campaigns, UK

The project is supported by several European user groups like:

- British Waterways, UK
- DMYY - Deutscher MotorYacht-
Verband e.V., Germany
- Fieldfare Trust, UK
- Viking Afloat, UK
- France Afloat Burgundy Cruisers,
France
- Shannon Castle Line, UK

Project duration

March 2002 – August 2005

Fraunhofer-Institut für Integrierte Publikations- und Informationssysteme

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