System Architecture and Maintenance of the Ecoradar Web Portal in Environmental Online Communication

Abstract:
The complexity of web portals requires an implementation of an integrated maintenance management. Ecoradar represents a portal in the domain of sustainability and environmental management. The components of the system architecture of this portal are described. Next to the general components of a portal, we will have a closer look at the domain-specific application framework: EcOObjects, as a software class framework for developing environmental management software, EcoAvatar, as an instrument for a multimedia environmental communication and EcoWizards, as a computer aided and interactive completion of checklists of the environmental management. Next a description of the portal’s maintenance tasks follows. This article provides conceptual background information for persons responsible for the web portal’s management, especially for portals in the domain of environmental management. It can also be used as a blueprint for a portal’s planning and implementation.