

Project Management Portal with Spago4Q

SPAGO4Q IN THE PROJECT MANAGEMENT PORTAL OF ENGINEERING GROUP

Key Words :

- Software Quality
- Software Process Improvement
- CMMI
- Open source

Engineering Group Integrates Spago4Q in the API (Access Point to Information) Portal



Organization

Engineering Group

Market

Industry and Services

Status

Private Company

Mission

Facilitate the continuous improvement of Engineering's software development processes

Objective

Realization of a dashboard to monitor the project performance

Country

Italy

OW2 Project



Engineering Group

Engineering Group is a global player and Italy's largest systems integration group and a leader in the provision of complete integrated services throughout the software value chain: design, development, outsourcing services, products and proprietary vertical solutions, IT and strategy consultancy, tailored to the business models of our clients in all markets.

The Engineering projects offering software development and maintenance services use a support infrastructure (API Portal) in order to manage the service supply according to the defined quality model (CMMI®, ISO 9001:2000, AQAP).

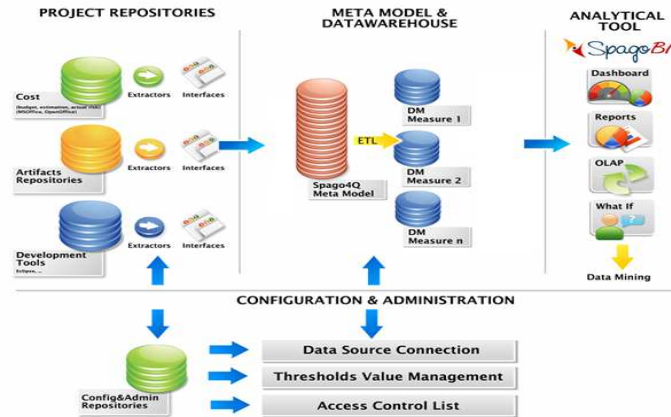
Spago4Q Supporting the Project Management Portal

The API (Access Point to Information) portal is the access point to all services made available by the infrastructure, for the management of: documents at enterprise and single project level; project development websites; risks and processes of estimation, re-estimation, planning and accounting; projects lifecycle (requirements, development, test, bugs management).

Spago4Q supports all the activities of a Measurement & Analysis process needed to establish the measurement objectives and analyse results in order to create a single enterprise knowledge base to support the constant improvement of the production process of Engineering. The results are used to optimize and adjust both the quality levels, with the related standard thresholds, and the company parameters settled to support the functioning of procedures and development, management and control tools.

System Architecture

The measurement data collected from the tools integrated in the Project management Portal infrastructure are registered in the Spago4Q data warehouse, creating a single enterprise knowledge base.



The focus points are on:

- Project Dashboard: It's the Dashboard to analyse the Key Performance Indicator of the projects within the Organization.

- Extraction process: ETL capability is provided to collect measure attributes and load them into the data warehouse.

Functionalities are available to support the following operations:

- Configure the data source
- Configure and create the target database
- Define the extraction and transformation process

Analytical tools allow various users to realize the needed analysis at different levels.



The Results The integration of Spago4Q in the API portal allows the different actors involved in the project realization to monitor the project development progress according to their role (project leaders, business units managers, quality assurance managers, work team), and to check the compliance of the development process with the established quality levels.

Professional Support



Engineering Ingegneria Informatica, the parent company of Engineering Group, provides the core development team of the Spago4Q platform, professional services and technical support.

OW2

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About OW2

Founded in January 2007 as a result of the merger of ObjectWeb and OrientWare communities, OW2 is an independent industry consortium dedicated to developing open source code middleware and to fostering a vibrant community and business ecosystem. Building on the legacy of ObjectWeb and OrientWare, OW2 federates more than one hundred organizations and 6000 developers in Europe, Asia and the Americas. OW2 hosts over one hundred technology Projects, including Lomboz, Sync4j, eXo Platform, XWiki, SpagoBI and JOnAS. Several of the OW2 projects are combined into market-driven Initiatives, such as the ESB/SOA Initiative and the Business Intelligence Initiative, which facilitate their implementation by systems integrators, OEMs and end-users. A typical global open-source organization, OW2 aims to bring together grassroots communities across all continents through Local Chapters. [More information about OW2 is available at http://www.ow2.org.](http://www.ow2.org)