

Intellġo, intelligis, intellegi, intellectum, intelligġere
to understand (v); to know (v); to comprehend (v);
to learn (v); to hear (v); to realize (v);

Intelligo is a EMS (Enterprise Content Management) massively multilingual, designed to provide a complete separation between the content and their typographic or multimedia presentation.

Introduction

In the last years, due to the revolution introduced by the mobile devices, we have witnessed a profound revolution of the web. The need to separate the content from its presentation has become a priority. Furthermore, the independence of the content is a prerequisite for an efficient translation to suit the many languages and cultures, for an audience that has become global.

Even the Internet surfing habits of the users, in a web increasingly Google centric, are rapidly changing. In mobile devices, the apps have almost completely replaced the browser, enough to force the operators of specialized portals to develop apps and deliver their content to them. Even for this purpose, it is essential to have a pure content.

Increasingly, instead of calling the url of a website to get information from it, we seek and obtain, directly from a Google search, the final information. This will move the focus from the web portal to the specific content (that is news, a sports result, the price of a product , the profile of a person or the history of a monument).

The traditional CMS (Content Management System), give little help in this area, as they are not able to operate such a precise distinction between the content and its presentation.

Intelligo was developed based on all these considerations and on this basis, to develop an engine for creation and management of quality content publishing, to be supplied to the traditional portals and websites, as well as to the apps of smartphones and tablets, using common REST services.

The Intelligo solution

Intelligo is a EMS (Enterprise Content Management) massively multilingual, designed to provide a complete separation between the content and their typographic or multimedia presentation. For the management of the structural aspects and graphics, it can operate in conjunction with leading open source CMS (WordPress, Drupal, Joomla). It also allows the content enrichment with semantic tags and microdata, according to the standards Schema.org and RDF.

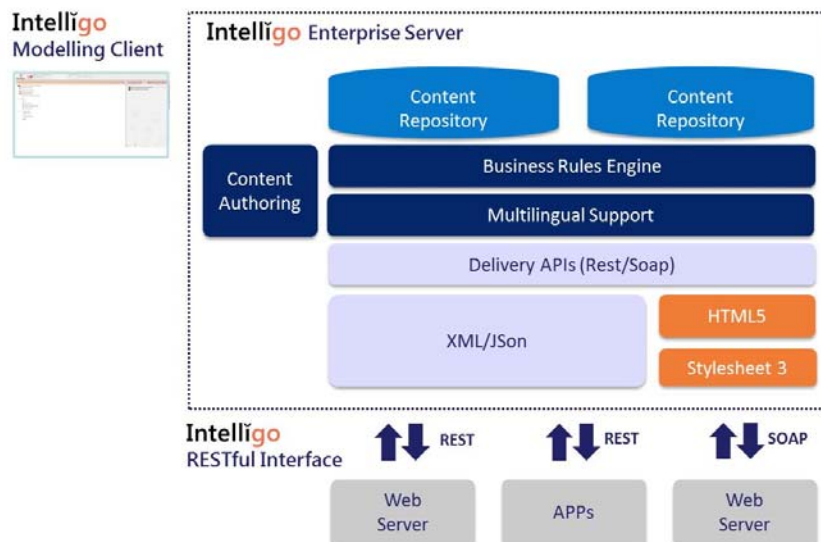
In Intelligo “the content is pure”, as being independent of fonts, colors, capital letters, as well as its translation in multiple languages and it is a value, as re-usable and meaningful.

This feature is the base of the publishing and the web of the future (multimedia publishing and the semantic web), but even now it is possible to exploit the possibilities in terms SEO with Google, getting for our web pages, better SERP positioning and more effective snippets. In addition, the reuse of the meaningful sentences allows significant savings in term of costs for translations.

The visibility of the content in Intelligo can be controlled by rules that allow customization of the items based on the user profiles, as well as the management of business policies, rules and laws, by a interpretation engine applied to user questionnaires.

Intelligo Enterprise Server provides a convenient interface RESTful (based on REST or SOAP), which return the contents in XML, JSON and HTML5 to power apps and web portals.

Figure 1
Intelligo lifecycle



Technical feature

- Intelligo Enterprise Server architecture:** JAVA Enterprise
- API Services:** REST o SOAP, XML output, JSON o OHTML5
- Semantics:** Microdata, Schema.org
- Intelligo Modelling Client:** Silverlight / MVC
- Databases Independence:** SQL Server, Oracle DBMS, ecc..
- Networking:** HTTP / TCP

CAD IT Group developed solution

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