

DEVELOPMENT OF AN OPEN SOURCE MULTI DOMAIN WEB MAIL TOOL.



GENERAL INFORMATION

Company:
TELEFÓNICA

Industry:
Suppling of telecommunication
services

Project:
Multi command Open Source
Web mail

Date:
December 2005

Technology:
- PHP
- Apache
- Red Hat Linux
- PostgresSQL
- Ldap

NEED

Telefónica needed to count with a tool to provide other companies with the capacity to manage its own mailing domains.

The platform implemented is based in Open Source format and that is why the applications of external basis were chosen respecting this model.

The objective of the project was to develop a tool together with the opening of a new unit of business within Telefónica. It was intended to bring together companies with the outsourcing of support, maintenance, hosting and management of the servers destined to manage its e-mail addresses and according services with specialists in each sector.

BUSINESS CHALLENGE

The biggest challenge that Exelsum had to face was the integration of different Open Source tools and the development of a control panel in a programming Php environment, a Ldap directory and a PostgreSql database.

All the installation of software had to be supported by Red Hat Enterprise, which had to deal with the planning and implementation of the platform to be used.

The documentation confectioned had to stick to the standards stated by both Telefónica and Red Hat.

Once finished the development, it can be concluded that the tool had the expected stability being a B2B application, requiring at the same time high parallel processing levels where a big deal should be made of the security regarding the information.

PROJECT DETAILS

The tool consists in the implementation of a multi domain Web mail, customizable in a dynamic way for the specific needs of each of the administrators within Telefónica's clients.

Also, the application includes a system of intelligent reports especially designed for the daily work and another system of monitoring reports of servers (Hardware), in an individual, as well as in a global way and the software that composes the system destined specifically to Telefónica S.A.

CORPORATE INFORMATION

TELEFÓNICA is the most important telecommunication company in Argentina.

It has been 15 years now that the company provides services in Argentina and has managed to become established as a leading enterprise specialized in integrated communications. This holding has contributed in the last decade to the development of telecommunications, still setting the solid foundations to plan and forecast in Argentina in the near future within the dynamic Society of Information.

Telefónica has concentrated its telecommunication business, strengthening its presence in the fixed line telephony and mobile telephony, orientating its way of doing businesses to satisfy the communication needs.

The system permits Telefónica to create the contracted plan for each client company providing automatically the service chosen through the same application.

TECHNOLOGY

Programming language: PHP
Database: PostgreSQL - Ldap
Platform: Red Hat Linux
In Web Environment

WHY EXELSUM?

Exelsum is a company with 6 years of experience and recognition in the development of computing solutions, adapting ourselves to the needs, projects, technology and infrastructure of the most demanding clients. We count with more than 70 successful projects of different significance and grades of complexity.

In the case of Telefónica, we provided an integral solution starting from the detailed retrieving of information of the situation and exigence in the carrying out of the project, offering a tool developed in Open Source that ensures its reliability and scalability.

. You can also read this Success Story directly from our website:

http://www.exelsum.com/success_stories/