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# ADDRESSBOOK WHITE PAPER

## *Introduction*

Nowadays, the mail is at the center of the enterprise communication system, and every employee uses it every day. Many applications are provided to facilitate its usage. The address book is one of the most frequently included in mail application. It would be in fact really difficult to manage a huge quantity of personal information without suitable tools. The AddressBook web application provides such features.

## *Features*

The technical features provided by this application are defined below :

- **Based on Java standards:**  
The AddressBook web application is a 100% Java application that leverages server-side Java technologies such as Servlets, JSP, and JDBC. Java provides great performance on a wide variety of platforms.
- **Platform support:**  
Any platform with Java 2 and any web server with Servlet 2.2 and JSP 1.0 support will work. It has been tested under Linux and Windows platforms, and with web environments such as Apache with Tomcat and Orion server.
- **Database backend:**  
A database backend gives this application excellent performance and scalability. The database schema has been carefully tuned to work with a wide variety of products. Currently supported databases include: Hypersonic SQL, MySQL, Postgres. Built-in database connection pooling gives maximum database performance.
- **Integration into existing systems:**  
You can integrate the AddressBook web application into your existing portal and your existing user and authentication system : you can even define roles for each user of your system on this application.

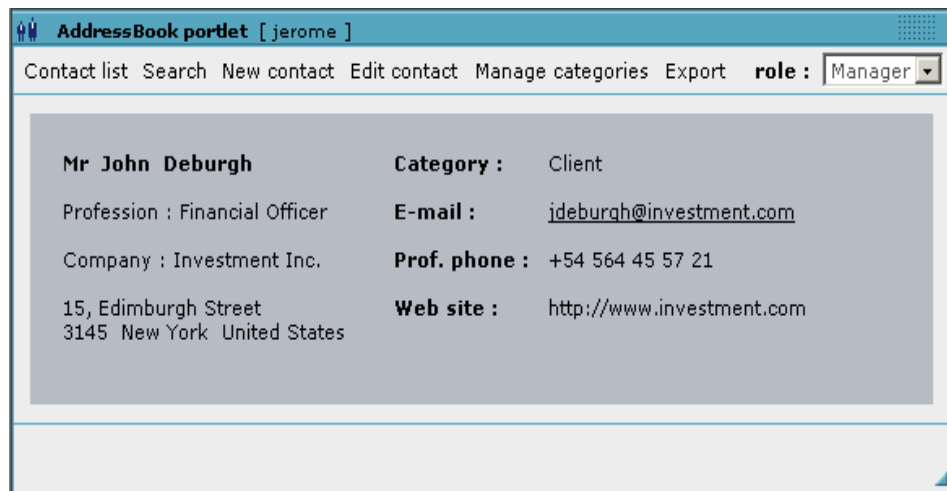
This application provides the following functionalities to manage a list of contacts.

- **Contact creation:** by filling a form requiring information such as last name, first name, address, company, and so on. You can even precise up to five values for communication means, which can be phone number, email address, web site and others... A special field can contain a small text, in order to add comments or description to the contact.

- **Contact listing:** the welcome page displays the contact list, or only a part of it, if the number of contacts exceeds a given value. In this case, suitable links are added in the current page to access the other pages. Here follows a screen shot of this page.



- **Contact searching:** the application proposes a search method allowing to find a word in one of the different contact fields, or even in all the fields simultaneously. The results are displayed like the contact list, on many pages if needed.
- **Contact list sorting:** the list displays the first name, the last name and a category name. You can sort the list either by the contact name or the category, in the alphabetically order and in the two orders.
- **Contact details reading:** from this list, the user can access all the other information which concerns the contact. He just has to click on the "Info" icon before its name. The application will display this information like a visit card, as you can see on the following picture.



This page proposes direct links to the contact web site; for an email address, it automatically launch your default mail client, on the message redaction window.

- **Contact update:** the information of a contact can be modified and thus regularly updated.
- **Contact deletion:** a contact can of course be removed from the address book.
- **Categories management:** the application offers the possibility to create new categories for contacts; it allows to rename an existing category too, and to delete it.
- **Data export:** it is possible to export all the content of the address book to a text file, in a standard format so that it can directly be imported into another application such as spreadsheet software.

### *Conclusion*

This web application provides thus all the main functionalities needed to manage an online contact list. It proposes many features to search particular contacts in the address book. Moreover data can be saved in a standard format, to be imported into other applications. This application can therefore be easily integrated in a portal environment.

