Welcome to the OpenTravelsystem Component!

Introduction.

This component is intended for the travel and tourist industry and is further documented at http://www.opentravelsystem.org . Currently it consists out of a hotel reservation site with a frontend application for Ecommerce and a backend system for the maintenance of products and customers.

Recently the new accounting system has been utilized (not included) and a simple party component have been implemented. The new accounting system is multi-company and the simple party component is multi company too. Before a simplified product component has been implemented which also allows for more companies on one system.

Security is not yet fully in place to separate the companies so please use with caution.

We also no have implemented a super simple site called HotelSimple. This site only provides an example screen how to introduce links in an existing website for reservation of specific rooms and/or a list of rooms.

How to activate?

1. Edit the component-load.xml file (in specialized directory) and activate (un-comment) the line:
   `<load-component component-location="${ofbiz.home}/specialized/opentravelsystem"/>`
2. Edit the build.xml in the Ofbiz directory and add to the
   `<filelist id="application-builds" dir="applications" files=`
   the reference to ../specialized/opentravelsystem/build.xml
   in a similar way as the other applications.
3. Run the command 'ant run-install' from the command line to create the test data and to compile.

please make sure the data file in the data directory is loaded. It uses the status codes on the PartyRelationship table.

How to start.

The hotel demo site can be started with: https://localhost:8443/hotelbackend
Clicking on the WebSite tab, will start the Hotel E-commerce frontend application. The frontend application can be started directly with http://localhost:8080/hotelfrontend

General comments.

The intention is to create specialized web applications which only contain files which needed to be changed. Files which are not changed are directly used from the original/existing OFBiz application. This is only possible when you use the 'screen' widget. In the controller.xml there is a <view-map link to the *screens.xml file and this file is pointing to a form or for the older applications to a ftl/bsh file. WEB-INF/pagedef/*.xml files should not be used anymore, this functionality is taken over by the 'actions' in the screen or form widget.

In the backend application we only have the changed screens, it uses functions from the partymgr, product/catalog and order components. The frontend component contains only the required files from the ecommerce application and i guess that is less than 5%.

The frontend component can be copied under another name and used on the same system for a different hotel. You only have to set the webSiteId parameter in the webxml file to point to the websitename and create a new application/images the ofbiz-component.xml.

The backend application can be used for different hotels without being copied. The productStoreID in the commonsscreens.xml file defines on what data the application should work on. If a party ID has set the 'admin' role on the productstore, all userid's of that party has access to the backend store and the productStore name is set at logon time.... If a user has access to more stores a selection list is shown.

Setting up Accounting.

If you want setup accounting for the first time please use the following sequence:

1. Enter data about you company: name address, but very important: how much and where, in which countries you want to bill VAT.
2. If you can download statement from your bank you can quickly setup payments, invoices and people and companies. Please enter the people (normally only employees before uploading because no VAT need to be calculated in the invoices.
3. Upload the statements from your bank and payments and companies (party groups) will be generated.
4. Go to utilities and generate invoices from payments. At te same time they will also be connected over the application i.e. that the invoices (sales/purchase) have been paid.
5. check if all your outgoing invoices are there, you will have to enter the ones which have not been paid yet manually.
6. Identify tax authorities and add addresses of your customers etc...

If you have setup everything make it a weekly routine to update the administration:
1. create the sales invoices for your customers, and send them by e-mail, or print them and send by normal mail.
2. enter invoices you received from your suppliers
3. download new statements from your bank and upload it in to the system to create payments. Now, do not use the 'create invoice from payments' but match all payments on existing invoices manually. If the invoice cannot be found generate only for that payment an invoice. If required the party will also be created.
4. Create a payment report and pay suppliers at the latest date. (internet banking)
5. create a late payment report for your customers and remind them to pay.

In the monthly cycle create the VAT report for your government to pay the VAT.

The future.

Although we cannot look in the future we can tell you what our plans are. These plans are highly dependent on the customers we can get. If a customer comes in with substantial funds, he will get priority.

The planned next steps:

1. To create a travel agent demo reservation site.
2. to implement a hotel property management system.
3. to implement an event ticketing site.
4. implement demo's for car/boat rental

If you are interested to contribute, you are highly welcome. If you find a customer who like to use the system, we can support you with the implementation and customization for very good rates because we are located in Thailand where the salaries are very competitive. See www.antwebsystems.com for more info.

Regards,
Hans Bakker.