

FrontAccounting Open Source Accounting Software

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Πανεπιστήμιο Θεσσαλίας

History

- FrontAccounting project was established on Source Forge in April 2007 as a further development of concepts introduced by Open Accounting system, which in turn was complete rewrite of Web Enterprise Resource Planning (webERP) application.

The purpose

- ◎ The application has a modular architecture that supports multicurrency and multibranch companies aiming at supporting everyday company activities like sales, inventory management and purchasing with fully automatic GL posting.

Features

- ⦿ Free and released under the GNU General Public License.
- ⦿ Web-based Accounting and ERP system.
- ⦿ Open Source, targeted for small to medium companies.
- ⦿ User friendly installation wizard in several languages.
- ⦿ Written in object oriented (OO) PHP language.

Miscellaneous features

- ⦿ Support for multi-branch customers.
- ⦿ Use of network printer, printing by browser or local printer on client side box.
- ⦿ Print profiles enable document printing on different destination printers.
- ⦿ Report destinations PDF/Printers and XLS formats for MS Excel and Openoffice Calc.
- ⦿ High scalability - from one PC box installations up to multibranch companies spread over the world.

Architecture basis

- ⦿ Front Accounting is released as a web application accessible by any web browser with its database installed on a central server.
- ⦿ It is written in PHP language with use of MySQL database engine.
- ⦿ It runs well on a Linux Server with an Apache Web server, PHP and MySQL and provides functionality that can be extended when needed with external modules and language hooks.
- ⦿ Low software requirements: MySQL 3.1, PHP 4.3 or 5

User perspective (1/2)

- ⦿ Accounting software installed on central www server can be accessed by any number of users around the world, or access can be limited to intranet or even only local users.
- ⦿ Application is usable with any www browser. No additional software have to be installed on client side.
- ⦿ CSS enables user interface adjustments to special needs like using on PDA or cell phones with embedded browser.

User perspective (2/2)

- ◎ User interface works in two modes: full featured light Ajax mode and fallback mode.

Full mode use JavaScript code to make the interface user friendly and boost effectiveness of data entry. If browser with disabled JavaScript support is used to access application, the user interface switches automatically to fallback mode. In this mode all basic application functionality is still available, although data entry is slower.

Developer perspective

- ⦿ Application is written in PHP language with use of MySQL database engine.
- ⦿ Clean separation of database access and business logic from user interface routines.
- ⦿ Separated ui framework and code reuse ensure consistency of modules and easy development of extensions.

Transactions

- Sales Quotation Entry
- Sales Order Entry
- Direct Delivery
- Direct Invoice

- Delivery Against Sales Orders
- Invoice Against Sales Delivery

- Template Delivery
- Template Invoice
- Create and Print Recurrent Invoices

- Customer Payments
- Customer Credit Notes
- Allocate Customer Payments or Credit Notes

Inquiries and Reports

- Sales Quotation Inquiry
- Sales Order Inquiry
- Customer Transaction Inquiry

- Customer Allocation Inquiry

- Customer and Sales Reports

Maintenance

- Add and Manage Customers
- Customer Branches
- Sales Groups
- Recurrent Invoices

- Sales Types
- Sales Persons
- Sales Areas
- Credit Status Setup

Transactions

- [Purchase Order Entry](#)
- Outstanding Purchase Orders Maintenance
- Direct GRN
- Direct Invoice
- [Payments to Suppliers](#)
- [Supplier Invoices](#)
- [Supplier Credit Notes](#)
- [Allocate Supplier Payments or Credit Notes](#)

Inquiries and Reports

- [Purchase Orders Inquiry](#)
- [Supplier Transaction Inquiry](#)
- [Supplier Allocation Inquiry](#)
- [Supplier and Purchasing Reports](#)

Maintenance

- [Suppliers](#)

Direct Purchase Invoice Entry

Supplier:	Jigong	Invoice Date:	05/12/2011	Deliver to: Delivery 1 Delivery 2 Delivery 3
Current Credit:	-4,000.00	Due Date:	06/17/2011	
Reference:	13	Supplier's Reference:		
		Receive Into:	Default	

Order Items




Item Code	Item Description	Quantity	Received	Unit	Price after Tax	Line Total	
	17inch VGA Monitor	1	0	ea.	500.00	500.00	Add Item
Sub-total						0.00	
Included Tax (5%)						0.00	
Amount Total						0.00	



Memo:









[Cancel Invoice](#)

[Back](#)

Search Purchase Orders

#: from:  to:  into location: 

for item:  

#	Reference	Supplier	Location	Supplier's Reference	▲ Order Date	Currency	Order Total		
28	auto	Jigong Corp	Default	jawaad	05/12/2011	USD	500.00		
27	22	Jigong Corp	Default		05/11/2011	USD	0.00		
25	21	Lucky Luke Inc.	Default		05/10/2011	USD	11.00		
26	auto	Jigong Corp	Default	123345	05/10/2011	USD	0.00		

Records 1-4 of 4

[First](#) |
 [Prev](#) |
 [Next](#) |
 [Last](#)

[Back](#)

Journal Inquiry

Reference: Type: From: To: Show closed:

Memo:

▲ Date	Type	Trans #	Reference	Amount	Memo	User	View
05/12/2011	Purchase Order Delivery	7	auto	476.19		demouser	
05/12/2011	Cost Update	1		461.19		demouser	
05/12/2011	Supplier Invoice	18	12	523.81	auto	demouser	
05/12/2011	Delivery Note	59	auto	110.00		demouser	
05/12/2011	Sales Invoice	66	50	404.16		demouser	
05/11/2011	Delivery Note	55	auto	22.69		demouser	
05/11/2011	Sales Invoice	62	46	84.53		demouser	
05/11/2011	Delivery Note	56	auto	11.69		demouser	
05/11/2011	Sales Invoice	63	47	44.10		demouser	
05/11/2011	Delivery Note	57	auto	11.69		demouser	

Records 1-10 of 29

[First](#) |
 [Prev](#) |
 [Next](#) |
 [Last](#)

[Back](#)

Bibliography

- ◎ <http://frontaccounting.com/wb3/>
- ◎ <http://en.wikipedia.org/wiki/FrontAccounting>