

Want to help fulfill the vision of OpenPetra?

OM is actively seeking to engage with contributors—organisations and individuals—to build a community of developers, supporters and users.

: WE NEED

Programmers | Graphic designers
Testers | Writers | Translators
Bookkeepers | Personnel administrators
Other administrators | Supporters

: WORK AT YOUR OWN PACE

Software specialists who have a full-time job can help one evening per week

Self-Employed people can work on OpenPetra one day a week

Students can use their summer break to gain application development experience

Retirees who enjoy using a computer can help hunt for bugs

Professionals who wish to use their skills in mission can work full-time

Want to join the team? Contact **info@openpetra.org**. OpenPetra is an initiative of OM (www.om.org).



OpenPetra offers an integrated solution for contact management, personnel, accounting, donor services, conference organisation and **more.**



INFO@OPENPETRA.ORG

WWW.OPENPETRA.ORG



open : **PETRA**

Technical Details
for developers

Free and easy-to-use
**ADMINISTRATION
SOFTWARE PACKAGE**
for non-profit organisations

WHAT'S SPECIAL ABOUT OPENPETRA?

Based on the proven technology of Petra

- : Client/server system, 3-tier architecture
- : Server runs on Linux and Windows; client runs on Windows and in principle on Linux Desktop Managers and MacOS X

Contains Petra's Finance package for worldwide usage

- : Comprehensive, true multi-currency, double-entry bookkeeping
- : General ledger, gift processing, budget, accounts payable
- : Trusted by OM's bookkeepers, OM and external auditors

Customisation in process

- : Core of the product is organisation-neutral
- : Organisation-specific terms
- : Organisation-specific functionality contained in customised plug-ins

Language support

- : User interface can be translated into many languages
- : Translations can be done incrementally
- : Online and offline tools for translators

Outlook 2007-like menu system in development

- : Modern, familiar and intuitive interface for the user
- : Very flexible menu structure, XML driven, easy to customise and extend

Use of modern and collaborative tools

- : Built in C#; based on MS .Net
- : Decentralised version control system (Bazaar)
- : Wiki, IdeaTorrent, Mantis Bugtracker, Forums, Blog and Twitter postings

Automatic Code Generation for forms

- : Developer writes a YAML file that defines the fields and the layout structure
- : Code Generator creates source code for form layout, helper code and stubs of other code

Multiple installation options

- : Standalone (small offices, laptops)
- : Network (usual office scenario, one server per office needed)
- : Centralised solution (SaaS option)
 - Clients access central OpenPetra servers on the internet, not on local network
 - Data is encrypted, no need for VPN
- : Web browser client possible

Plug-in architecture

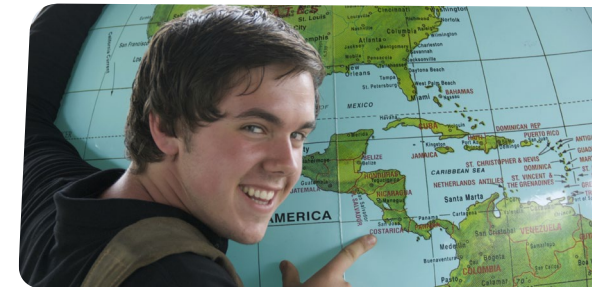
- : Authentication against different systems
- : File import/export

Database Abstraction Layer

- : Allows 'pluggable' support for DB systems
- : PostgreSQL is the primary supported DB system, SQLite and MySQL are also supported
- : Support for other relational DB systems can easily be added

The **vision** of OpenPetra is to be an established administration software solution for non-profit organisations, offered without a licence fee.

Our goal is to enable emerging mission organisations to adjust OpenPetra to their own culture and organisational style.



open:PETRA