Indefero Source Code Management

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Improving your project's source, bug tracking and documentation with quality open source tools.

What is Indefero?

• Web-based Source Code & Project Management application

• Combines functionality of SCM viewer, wiki, issue tracker and more into a single application.

• Fully Open Source (GPL)

Amberdms

So, why talk about indefero?

Requirements

- Provide SCM viewing, documentation and issue tracking.

- Ability for both public and private projects.

- Access levels – user/public, contributor, project team member, admin

- Support for multiple versioning systems.

- Low barrier of entry for users

Amberdms

So why are you telling us this?

• It's a great application

• Most people here should be using something like it - far too many companies & projects lack a decent form of project and source control!

• It's open source (GPL)

• I love PHP

Why not.... ?

Indefero Features

SVN, Git and Mercurial

Project Home   Documentation   Issues   **Source**

Open Source: Amberdms Billing System

Source Tree | Change Log | How To Get The Code

Open Source: Amberdms Billing System Svn Source Tree

Revision: HEAD

| HEAD | Go to revision |

Branches:
- **trunk**
- unlabeled-1.1.2
- unlabeled-1.29.2
- unlabeled-1.4.2
- unlabeled-1.7.2
- v_1_2_0

Tags:
- beta_20081001
- beta_20081208
- beta_20090208
- beta_20090211
- initial_import
- v_1_0_0
- v_1_1_0
- v_1_3_0
- v_1_3_0_beta1
- v_1_4_0
- v_1_4_1
- v_1_4_1_menufork
- v_1_5_0_alpha_3
- v_1_5_0_alpha_5
- v_1_5_0_beta_1

Root / trunk

File	Age	Rev	Message	Size
..				
README	10 months 12 days	761	jethro: * Updated for 1.4.1 release.	627 bytes
accounts	3 months 6 days	1070	bex: * added ability to set default taxes as per issue 222	
admin	3 months 6 days	1071	tom: beginnings of fix for issue 124 : Added config option for setting the API url	
api	3 months 6 days	1071	tom: beginnings of fix for issue 124 : Added config option for setting the API url	
customers	3 months 5 days	1072	bex: * UI for DDI ranges to be added to services page * Jethro still to implement back end * bye!	
data	2 years 4 months	32	jethro: * Implemented large chunks of journal code * Implemented file upload functions with supported for ondisk storage method	
external	6 months 11 days	978	jethro: * Added Jquery UI for additional application capabilities	
help	3 months 13 days	1059	jethro: * Packages SQL changes as per 20101006 * DB changes for multiple contacts (issue 130) * DB changes for IPv6 compatibility (issue 234) * DB changes for translation tool (issue 166) * DB changes for simplified permissions page (issue 200) * DB changes for account statement/reminder page (issue 221)	

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Feature: Issue Tracker

Feature: Issue Tracker

⭐ Issue 187: Invoice bulk pay

Created: 5 months 5 days ago by Me

Updated: 4 months 21 days ago

Status: Fixed

Owner: Rebecca Ray

Labels:
 Priority:Medium
 Type:Enhancement
 Target:1.5.1

Reported by Me, Aug 15, 2010

Having to enter payments manually against invoices (AP or AR) can be
annoying.

Some of this will be eliminated with the bank statement import
feature being worked on, but this won't help when entering payments
that don't yet have CSV information.

To resolve, Bex has been assigned to develop a bulk payment tool
that will display a list of AR or AP invoices and allow multiple
invoices to be selected for being paid.

Comment 1 by Me, Aug 19, 2010

Sketch up of user interface for bulk payment feature, awaiting input
from Bex.

- abs_bulkpay_ui_design.pdf - 71.03 kB

Comment 2 by Rebecca Ray, Aug 27, 2010

AR completed as of commit 1028

The following must be run against the database:

INSERT INTO `menu` (`id`, `priority`, `parent`, `topic`, `link`,
`permid`) VALUES (NULL, '123', 'Accounts Receivables', 'Bulk

Flexible Tagging

Open Source: Amberdms Billing System Issue Tracking Configuration

Instructions:

List one status value per line in desired sort-order.

Optionally, use an equals-sign to document the meaning of each status value.

Open issue status values:

```
New                     = Issue has not had initial review yet
Accepted                = Problem reproduced / Need acknowledged
Started                 = Work on this issue has begun
Testing                 = Fix/change submitted, waiting for confirmation
```

Closed issue status values:

```
Fixed                   = Issue resolved
Invalid                 = This was not a valid issue report
Duplicate               = This report duplicates an existing issue
WontFix                 = We decided to not take action on this issue
External                = Issue was with another application/project
```

Predefined issue labels:

```
Type:Defect             = Report of a software defect
Type:Enhancement        = Request for enhancement
Type:Task               = Work item that doesn't change the code or docs
Type:Patch              = Submission to review
Type:Documentation      = Documentation Improvements
Type:Other              = Some other kind of issue
Priority:Critical       = Must resolve ASAP
Priority:High           = Strongly want to resolve ASAP
```

Each issue may have at most one label with each of these classes:

```
Type, Priority, Target
```

Save Changes

Wiki/Documentation Functionality

Welcome, **Jethro Carr**. Sign Out | Project List | Forge Management | Help

Project Home   **Documentation**   **Issues**   **Source**   **Project Management**

Open Source: Amberdms Billing System

List Pages | New Page | Update This Page | [   ] Search

Installing-SVN

Created: 8 months 12 days ago
by Me

Updated: 6 months 23 days ago
by Me

Old Revisions

- fixes to syntax
- URL fix
- formatting fixes
- formatting fixes
- formatting fixes
- Initial page creation

Installation instructions for developers using SVN

Installing from SVN

Interested in developing and contributing to the Amberdms Billing System? In this case, the best way is to download and run the developmental SVN version, so that you can get changes and new features as soon as they get committed.

Please note that SVN can sometimes be broken, updates might not be smooth like with regular releases and Amberdms does not recommend using SVN for production at all

1. Getting code from SVN

To checkout from SVN, follow these instructions to download to a location of your choosing.

Note that you only have to check out once, to get future versions, run svn update and the changes will be merged.

2. Install the database

Because you will be deploying ABS to a non-standard install path and a different database compared to production, in order to install you need to:

- Determine the latest version of help/schema/version_*_install.sql

- Import with:

```
$ mysql -u root -p < help/schema/version_LATESTDATE_install.sql
```

- Create a MySQL user account for the billing system only:

```
$ mysql -u root -p
```

Password/Key Synchronisation

Set your passwords/keys in Indefero and have them pushed to your SCM system

Login: jethro

First name: Jethro

Last name: Carr

Your mail: jethro.carr@amberdms.com

If you change your email address, an email will be sent to the new address to confirm it.

Language: English

Your password:

Leave blank if you do not want to change your password.
Your password must be hard for other people to find it, but easy for you to remember.

Confirm your password:

Add a public SSH key:

Be careful to provide your public key and not your private key!

▷ Show API key and extra password.

Update Your Account | Cancel

SVN
(via HTTP)

Mercurial
(via HTTP)

git
(via SSH)

Security Considerations

• Public / Private Projects

• Delegating access – users, customers, contributors

• Revoking user access

• Limiting access to application sections.

Easy path from user->contributor

Registers	→	Read-Only Repo Access	→	Upgrade to Commit Access	→	SCM access granted by Indefero
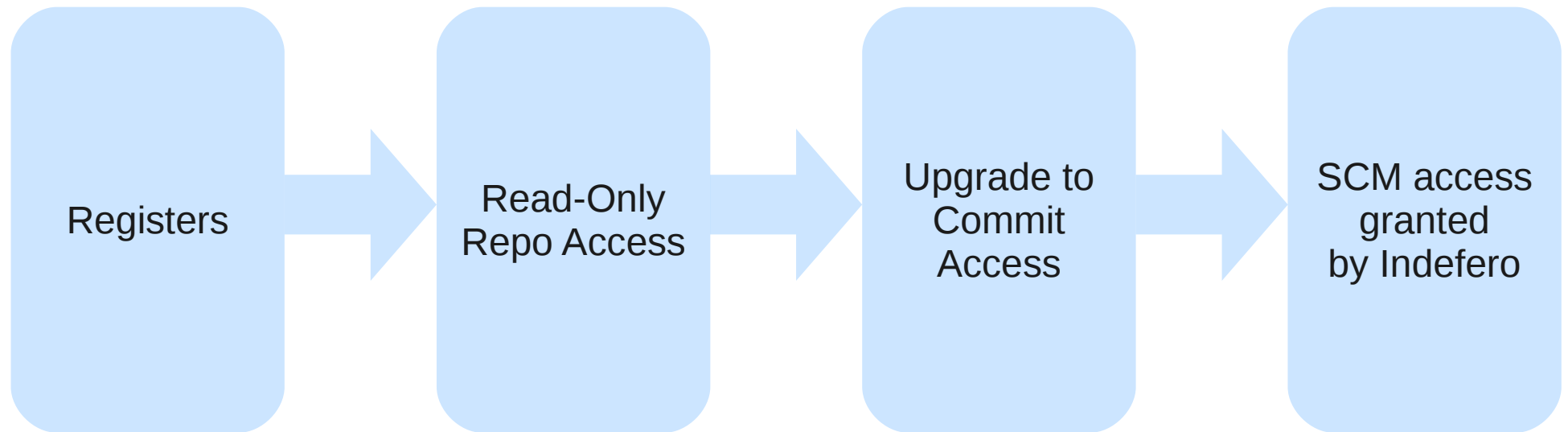
Access Control

Indefero makes life easy when trying to permit different contributors to access a project.

Welcome, **Jethro Carr**. Sign Out | Project List | Forge Management | Help

Project Home Documentation Issues Source Project Management
Project Summary | Downloads | Documentation | Issue Tracking | Source | Project Members | Tabs Access and Notifications

Open Source: Amberdms Billing System Project Members

Instructions:

Specify each person by its login. Each person must have already registered with the given login.

Separate the logins with commas and/or new lines.

Notes:

A project owner may make any change to this project, including removing other project owners. You need to be carefull when you give owner rights.

A project member will not have access to the administration area but will have more options available in the use of the project.

Project owners:

    jethro

Project members:

    bex
    tom

Save Changes

Amberdms

Turn it off

Maybe you don't require every single feature.... that's just fine with Indefero!

Open Source: Amberdms Billing System Tabs Access Rights

Instructions:

You can configure here the project tabs access rights and notification emails.

Notification emails will be sent from the **support@amberdms.com** address, if you send the email to a mailing list, you may need to register this email address. If you do not want to send emails for a given type of changes, simply leave the corresponding field empty.

If you mark a project as private, only the project members and administrators, together with the extra authorized users you provide will have access to the project. You will still be able to define further access rights for the different tabs but the "Open to all" and "Signed in users" will default to authorized users only.

Specify each person by its login. Each person must have already registered with the given login. Separate the logins with commas and/or new lines.

	Access Rights	Notification Email
Downloads:	Closed	
Documentation:	Open to all	
Issues:	Open to all	amberdms-bs-devel@lists.a
Source:	Open to all	

Only project members and admins have write access to the source. If you restrict the access to the source, anonymous access is not provided and the users must authenticate themselves with their password or SSH key.

Code Review:	Closed	

☐ Private project

Save Changes

Project Planning

Project Planning

- Limited Planning

- Display of completion level for specific target.

- A few contributions in this area would be awesome **hint hint** ;-)

	Id	Summary		Status	Last Updated
Label: Target:1.5.0					
Open issues: 40	236	Zipcode Alpha Character Fix Type:Defect, Target:1.5.0, Priority:High		Accepted	2 months 28 days ago
Closed issues: 12	124	Correct WSDL methodolgy Type:Defect, Priority:Medium, Target:1.5.0		New	3 months 6 days ago
Completion: 23%	222	UI Improvement: Default tax Target:1.5.0, Type:Enhancement, Priority:Low		Accepted	3 months 7 days ago
	183	Validation of required application modules Type:Defect, Priority:Medium, Target:1.5.0		Accepted	3 months 7 days ago

Centralised Authentication?

- Indefero maintains it's own user database.

- LDAP support and framework for different auth backends recently added:
  http://projects.ceondo.com/p/pluf/source/commit/708733499915bf8b703f22b94a2ba6217fd74505/

- Clever ability to link with Git/SVN repos and write access files to them.

Pluf Framework

- Underlying base of Indefero

- MVC-style PHP framework

- Handles authentication, templating and data structures.

- Homepage: http://pluf.org

- Indefero Instance: http://projects.ceondo.com/p/pluf/

Installation/Requirements

- PHP 5.2.4 or above.

- MySQL or PostgreSQL or SQLite.

- Apache or Nginx.

- Git or Mercurial or Subversion.

- Reasonable shell knowledge

Project Status

Indefero is under steady development:

- Development started in 2008

- Officially stable with release 1.0 in 2010

- Upcoming 1.1 release with Monotone SCM support

- Planned 2.0 release with move to MongoDB and upgrades to Pluf framework.

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Linky Goodness

Project home page including both OSS and commercial hosting information:
www.indefero.net

Links to all the stuff-that-matters:
http://indefero.net/open-source/

Discuss via mailing list/forum at:
http://groups.google.com/group/indefero-users

For any other questions, feel free to track me down during the conference or email me jethro.carr@amberdms.com

I will make a copy of these slides and other notes available on my website at www.jethrocarr.com later today. :-)

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