NEW YORK PHP

April 27th Meeting Summary

CLEW

- ## Conversationally Linked Email and other Writings

  Clew: _from the Middle English 'clewe' and the Old English 'cliewen' is commonly used to refer to a "ball of thread". Because in myth and literature balls of thread were used to escape from labyrinths (most notably in the story of Theseus and the Minotaur) 'clew' has come to mean anything that can be used to guide someone through a difficult place or problem-as in a 'clew' which solves a mystery._

- ## The New New York PHP

  A brief discussion on the re-organization of New York PHP to better support the growing community.

- ## The Project Proposal Process

  Got an open-source project idea? Learn how to submit your project for consideration by New York PHP.

What Is Clew?
An Open Source Project Sponsored By NYPHP R&D

Development Goals

- Mailing list manager

- Online message archive

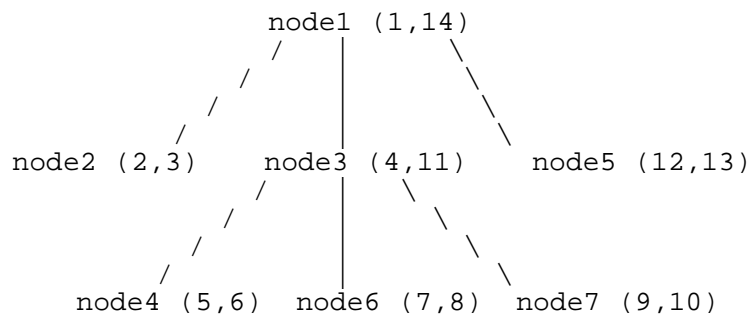- Document management system

Research Goals

- PHP/MySQL implementation of a nested set storage engine

- What happens when you can create arbitrary threads of PHP objects?

- What are the pros and cons of such a system in everyday use?

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Nodes and the Nested Set Model
Clew Ties Nodes into Threads

The Nested Set Explained

```
                     node1 (1,14)
                    /     |     \
                  /       |       \
                /         |         \
              /           |           \
    node2 (2,3)     node3 (4,11)     node5 (12,13)
                    /     |     \
                  /       |       \
                /         |         \
        node4 (5,6)  node6 (7,8)  node7 (9,10)
```

The Database

```
CREATE TABLE IF NOT EXISTS `pnsm` (
  `pnsmid` INT UNSIGNED AUTO_INCREMENT PRIMARY KEY,
  `pnsml` INT UNSIGNED,
  `pnsmpl` INT UNSIGNED,
  `pnsmr` INT UNSIGNED ) Type=MyISAM;

CREATE TABLE IF NOT EXISTS `node` (
  `pnsmid` INT UNSIGNED PRIMARY KEY,
  `uid` INT UNSIGNED,
  `gid` INT UNSIGNED,
  `created` DATETIME,
  `status` ENUM('new', 'active', 'deleted') NOT NULL,
  `type` VARCHAR(64),
  `name` VARCHAR(64) NOT NULL,
  `title` VARCHAR(255),
  `content` TEXT,
  `properties` TEXT,
  INDEX `ix_uid` (`uid`),
  INDEX `ix_gid` (`gid`),
  INDEX `ix_status` (`status`),
  INDEX `ix_type` (`type`),
  UNIQUE `uk_name` (`name`),
  FULLTEXT INDEX `ft_content` (`content`) ) Type=MyISAM;
```

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Messages and Resources
Clew Ties Messages to Web Resources

Messages Are Auto-named Nodes

- Messages are organized into threads. A thread is referenced by its first Message parent.

- New Messages are broadcast to Subscribers

- Message as in Message Board

Resources Are Human-named Nodes

- Resources act like web documents with associated mailing lists

- New Resources are *not* broadcast

- Resource as in Uniform Resource Locator

< Messages And Resources   Clew Demos >

The Clew PHP Classes

Clew Is A Communication Framework

- clewRequest discovers the request and server environment

- clewAuth (extends pauth) handles PHP-Session, authentication, and roles-based authorization

- clewNode (extends pNSM) provides an interface to the node and pnsm tables

- clewTemplate includes PHP scripts from a template path to create the response

- also several helper classes: pauthmin, pmime, clewSubscription

Clew Demos

1. Reply to a thread via HTTP

2. Reply to a thread via email

3. Create and update a Resource

Clew Project Homepage
Coming Soon

The Re-organization of New York PHP

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The Re-organization of New York PHP

To support the growth of both the organization and the community that it supports, New York PHP is re-structuring. To allow for more participation by its members and to take on more open-source projects, New York PHP is decentralizing into four distinct but cooperative Departments.

- Operations

  - Providing organizational support to New York PHP and acting as a liason to outside groups, vendors and speakers.

  - Planning and organizing meetings and events.

  - Shepharding new projects through the submittal process.

  - Working with Media Department to maintain websites.

- Education

  - Forming, maintaining, and developing an educational strategy.

  - Overseeing educational programs, courses and materials for the AMP community.

  - Providing general oversight and leadership in all educational areas.

- Media

  - Providing general oversight for creation, review, and editing of all New York PHP content.

  - Developing graphical, layout and design elements for digital or paper media.

  - Writing and maintaining meeting/event abstracts, announcements, summaries and newsletter.

- Research & Development

  - Providing technical support and guidance.

  - Providing software, server and infrastructure development.

  - Developing innovative technical solutions to support Departments and Projects (Clew).

  - General oversight and management of all technical areas.

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< The Re-organization of New York PHP   How to get involved >

Where do you fit in?

New York PHP takes a collaborative and consesus oriented approach using the following general structure:

- Board of Directors

    - Made up of the President (Hans Zaunere) and the Vice President of each Department.

- Department

    - A Department is comprised of two or more Principals who work together and share related skills and interest to carry out Projects and other associated tasks.

- Vice President

    - Elected from the members of a Department, the Vice President's duties including managing their Department and represnting it on the Board of Dierctors.

- Principal

    - Any Associate demonstrating ongoing participation in New York PHP, and an association with a particular Department.

- Project Manager

    - Seleted on a volunteer basis per Project. The Project Manager is responsible for their Project's successful conclusion.

- Project

    - A Project is a goal overseen by a Department and directly managfed by a Project Manager. Projects can either be directly technical or indirectly technical in nature.

- Associate

    - Any person subscribing to and participating in New York PHP mailing lists, but not otherwise participating on an ongoing basis.

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How to get involved

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How to get involved

- Continue to attend monthly meetings and participate on the mailing lists.

- Contact a Department to become more involved in any one of the four Departments to which you feel you are best suited.

- Let your Department head know that you are available to help with any future or ongoing Projects.

- Attend the Development meetings.

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Project Proposal Process

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Introduction - Project Proposal Process

- **Project Coordinator:** Hans Kaspersetz, Hans.Kaspersetz at NYPHP.org

- Projects are the heart of New York PHP's activities

- Guidelines for the submission and review of Project Proposals

Objectives

- To fairly review all Project Proposals for merit and feasibility

- To collect all necessary information about a project and determine its needs, man power and technology.

- To find a home at NY PHP for accepted projects, projects must have a sponsoring department and project manager

Who should submit a Project Proposal?

- Anyone who wants to put the NY PHP community of developer to work on an interesting problem or piece of software that will benefit the php community.

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How do I Submit a Project Proposal?

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How do I Submit a Project Proposal?

- Project Proposal Instructions, Guidelines and Forms are available online.

- **http://clew.nyphp.org/clew/operations/newproposals**

- Complete the Project Proposal Form located online

- **http://clew.nyphp.org/clew/operations/newproposals/projectproposalform**

- Email the completed form to Hans.Kaspersetz at NYPHP.org

- **Project Proposal Form**

```
<h1>{Project Title (required)}</h1>
<h3>{Proposal Date (required)}</h3>

<h3>Project Summary</h3>
{summary description - one sentence or less (required)}

<h3>Project Manager</h3>
{Principal's Name (optional)}<br />
{Principal's Email (optional)}<br />
{Principal's Department (optional)}<br />
{Principal's Phone (optional)}

<h4>Submitted by</h4>
{Name (required)}<br />
{Organization (optional)}<br />
<private>{Email (required)}</private><br />
<private>{Phone (required)}</private>

<h4>Sponsoring Department</h4>
{Department (optional)}

<h4>Status</h4>
<p>{Leave Blank}</p>

<h4>Detailed Description</h4>
{include as much detail as possible about the goals of the project}

<h4>Timeline for Development</h4>
{estimated length to completion (optional)}<br />
{list some significant milestones (optional)}

<h4>Required Human Resources</h4>
{list assumed human resources; ie, programmers, designers, authors
(optional)}
```

```
<h4>Required Technical Resources</h4>
{list assumed technical resources, if applicable; ie, CVS, servers, mailing lists
(optional)}

<h4>Supplied Resources</h4>
{list any resources that will be provided, if applicable; ie, servers, pre-existing
software/components, wireframes (required)}

<h4>Software License</h4>
{if applicable (optional)}
```

- **Required fields include:** Project Title, Proposal Date, Project Summary, Name, Email, Phone, Detailed Description, and Supplied Resources

- **Optional fields include:** Timeline for Development, Required Human Resources, Required Technical Resources, and Software License.

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< How do I Submit a Project Proposal?   **References >**

Project Proposal Review Process

- Proposal is reviewed for completeness and merit by Project Coordinator.

- Proposal is posted to Clew as a new proposal and the VPs and submitter are notified

- Project's status updated to: Under Review

- The VPs will confer and either request more information or make a determination

- Possible outcomes are

    - **Approved:** Projects that have a department and project manager. The projects will be transferred to the appropriate node.

    - **Postponed:** Proposals that lacked the needed support from the board. These proposals remain the responsibility of the Project Coordinator and should have a review date set for them.

    - **Rejected:** Proposals not approved by the board. These proposals are tagged as such and no further action is planned.

- If your Proposal is accepted you will be notified by email and further action will be planned by your project manager.

- All questions and proposals should be emailed to **Hans.Kaspersetz at NYPHP.org**

References

- Clew Homepage: http://clew.nyphp.org/clew/clew

- Clew Source Code: http://cvs.nyphp.org

- New York PHP Department Listings: http://clew.nyphp.org/clew/

- New York PHP Project Proposal: http://clew.nyphp.org/clew/operations/newproposals

- New York PHP Mailing Lists: http://www.nyphp.org/content/mailinglist/mlist.php

- New York PHP PHundamentals: http://phundamentals.nyphp.org/

- New York PHP Training: http://www.nyphp.org/content/training/

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