Presentation Comm506

Tiki.org

Tiki Wiki CMS Groupware

- A software to make all kinds of websites
- Free/Open Source
- Community-managed

The general idea

- Like Wikipedia, but for code instead of content
- The general direction of computing -> everything is going to the browser (Firefox, Chrome, Safari, Explorer, Opera, and mobile browsers) -> The client.
- The Server is a collection of software installed on a server and designed to generate HTML/JavaScript for these browsers.
- Tiki is the Free/Open Source Web Application with the most built-in features. It runs on top of other software (Linux, MySQL, PHP that the user doesn't see)

Use cases/features

- Collaboration: Wiki, Forums, Tasks, File management, Permissions,
- Publishing: News articles, Blog, RSS, Newsletter, Maps, Themes, Banners, etc.
- Commerce: Shopping Cart, Payment, Membership, Accounting, etc.
- Social networking: Friends, Inter-user messages, Surveys, Chat, Share link, Comments,
- CRM: User database, Bug & issue trackers, FAQs, polls, etc.
- Office productivity tools: Calendar, Spreadsheet, Drawings, Webmail, Time Sheet, Reports, etc.
- E-learning: Quizzes, Slideshow, BigBlueButton webinar integration, etc.

Specs & stats

- Tech: PHP / MySQL / Zend Framework / Smarty / jQuery
- License: LGPL
- 1M Line of Code
- 250 code committers
- 40 translations
- 9.5 years old

How much is it "worth"?

- $20 million according to the Basic COCOMO model
  - https://www.ohloh.net/p/tikiwiki/estimated_cost
  - "Beyond just development time, COCOMO is meant to include the design, specification drafting, reviewing and management overhead that goes along with producing quality software."

- Yet, the Tiki Software Community Association (TSCA) has no employees
- Tiki doesn't depend on any funding from any company, foundation, government or anyone. It thrives thanks to the community.

How?

- Stakeholders collaborate
  - Consultancies
  - IT departments
  - Volunteers
- Commercial eco-system based on services, not code.
  - No free/community code vs proprietary code situation
- Half the code is including code from other projects: "Standing on the shoulders of giants"

The Tiki Model ("Software made the wiki way")

- Wiki community
  - Do-ocracy
- Wiki way participation to the code
- Scheduled releases
- All-in-one codebase
  - Inherent synchronized releases
- Lots of features, but no duplication
- Dogfood

Questions?