

Object oriented systems engineering
IMT3102
Portfolio 1

Martin Kristian Mellum
Thomas Sigurdson 090320

August 30, 2012

Contents

0.1	Introduction	2
0.2	Project introduction	2
0.2.1	Media Player Classic	2
0.2.2	Ez Publish	2
0.2.3	OpenDungeons	2
0.3	Licenses	3
0.3.1	Media Player Classic	3
0.3.2	Ez Publish	3
0.3.3	OpenDungeons	3
0.4	Infrastructure	3
0.4.1	Media Player Classic	3
0.4.2	Ez Publish	3
0.4.3	OpenDungeons	4
0.5	Conclusion	4

0.1 Introduction

In this first portfolio we will pick 3 - 4 open-source projects. We are going to analyze each of them from a software engineering point of view. Delve into the differences of infrastructure, communication, openness, financial and social aspects of the open-source development model for these projects.

The projects we have initially chosen are:

- Media Player Classic[1]
- Ez publish[2]
- OpenDungeons[3]

0.2 Project introduction

0.2.1 Media Player Classic

0.2.2 Ez Publish

Ez Publish is a http based content management system. It is built using mainly php and effectively uses a dual licensing scheme.

Their about reads as follows:

eZ Systems is in the business of Web Content Management Solutions and has been since 1999. We maintain a global presence in Europe, Asia and the Americas.

Our large international business partner network is the foundation of our success in the market.

Our team of engineers, consultants and partner managers enables successful implementations for our customers and partners.[4]

The Ez Publish website[2] appears as a business front-end, and as such can be a bit off putting. There is but one direct mention of open-source, under a "What's in it for you" banner at the top.

Until you find the community portal for Ez Publish, it's all like a big storefront. Mentioning open-source and community in between selling itself. Indeed, running a `inurl:"http://ez.publish.no""share.ez.no"` on google returns no results.

Poking around will let you find the open-source community web page[5]

0.2.3 OpenDungeons

OpenDungeons is an open source, real time strategy game sharing game elements with the Dungeon Keeper series and Evil Genius. Players build an underground (or overground) dungeon which is inhabited by creatures. Players fight each other for control of territory

by indirectly commanding their creatures, directly casting spells in combat, and luring enemies into sinister traps.[6]

0.3 Licenses

0.3.1 Media Player Classic

0.3.2 Ez Publish

Ez Publish uses a quinary licensing scheme[7]. Most of them are for special use cases, meaning enterprises use the "eZ Business Use License Agreement" while most others use the GPLv2[8]. Information about their licensing and when to use which is more or less hidden.

0.3.3 OpenDungeons

0.4 Infrastructure

0.4.1 Media Player Classic

Mailing Lists

Version control

Bug tracker

Instant messaging

Website

0.4.2 Ez Publish

Mailing Lists

Ez Publish does not seem to have open mailing lists. Instead preferring the forums as their main communications channel to the exclusion of all else. They do have emails for customer contact/support, but they are listed in the business part of their website.

Version control

Ez Publish uses github[9] as their community/open-source code interface/version control. Here they have lots of public repositories (40 repositories at the 30th of August 2012). They use primarily push requests to receive code from sources other than Ez Publish's own engineers.

Bug tracker

Instant messaging

Website

0.4.3 OpenDungeons

Mailing Lists

Version control

Bug tracker

Instant messaging

Website

0.5 Conclusion

Bibliography

- [1] Media Player Classic Website[online]. Media player classic. <http://sourceforge.net/projects/guliverkli/>.
- [2] EZ Publish Website[online]. Ez. <http://ez.no/>.
- [3] Open Dungeons Website[online]. Opendungeons. http://opendungeons.sourceforge.net/index.php/Main_Page.
- [4] EZ Publish Website[online]. About ez. <http://ez.no/About-eZ/Company-Overview>.
- [5] EZ Publish Website[online]. Ez. <http://share.ez.no/>.
- [6] Open Dungeons Website[online]. about opendungeons. <http://opendungeons.sourceforge.net/about.html>.
- [7] EZ Publish Website[online]. Ez. <http://ez.no/Resources/Software/Licenses>.
- [8] Free Software Foundation[online]. Gnu general public license. <http://www.gnu.org/licenses/old-licenses/gpl-2.0.html>. Version 2.
- [9] EZ Publish Github[online]. Ez systems github. <https://github.com/ezsystems/>.