

# Community Building for Open Source Business Apps

---

the Core-Extensions-Themes Pattern



**J.P. Allen**

School of Business and Management

University of San Francisco

[blog.jpedia.org](http://blog.jpedia.org)

# From OSS → Open Business Knowledge

---

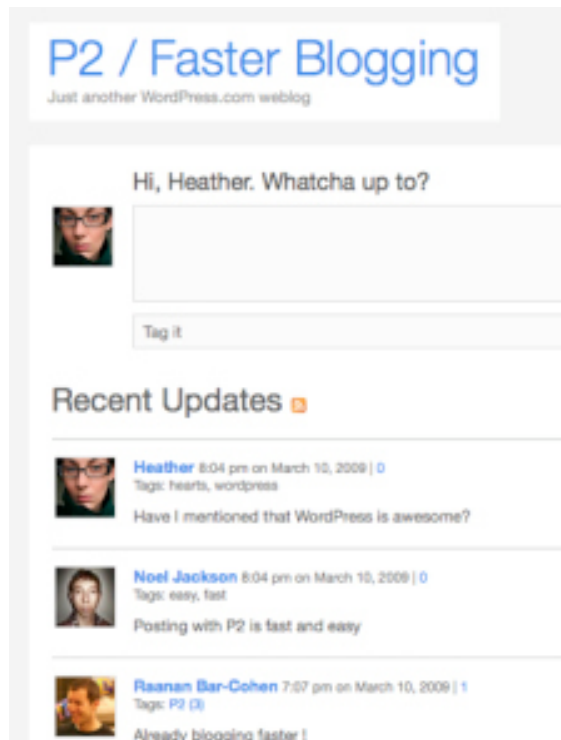
- Theory

- OSS 2.0 - A 'new' open source required for enterprise apps? (Fitzgerald, 2006)
- Knowledge re-use & sharing leading to productivity gains (Foray, 2004)

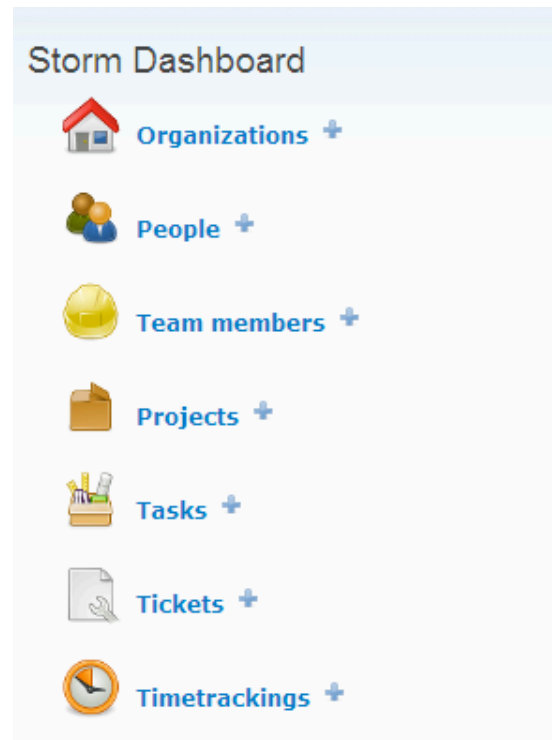
- Research Questions

- What business knowledge is being shared through OS communities? With what effect? How do we measure/study this knowledge sharing?
- What are the structures and processes that facilitate open business knowledge? How?

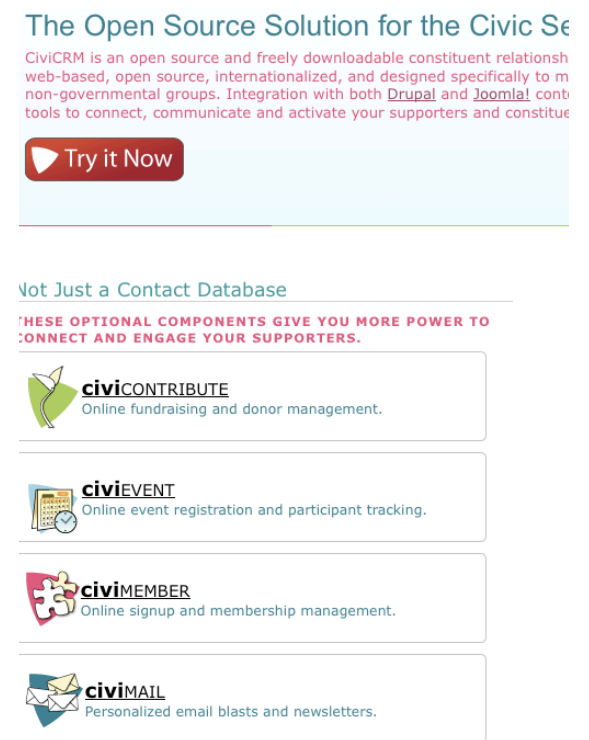
# Communities for Business Apps: Different?



**P2**  
WordPress theme



**Storm**  
Drupal module



**CiviCRM**  
Joomla!/Drupal distribution

**Developers** < roles in between > **Users**

# The Core-Extensions-Themes Pattern

	Platform	Community contributions outside of core			Size of core	
		Total	Extensions	Themes	kLOC	Person Years
	WordPress	4863	4245	618	103	25
	Joomla	4441			186	47
	phpBB	1334	834	500	119	30
	MediaWiki	1088	1012	76	1553	444
	Drupal	666	486	180	73	18
	Moodle	543	454	89	672	183
	SugarCRM	523	502	21	109	27
	Elgg	343	320	23	189	48
↑ include?	Magento	234	226	8	631	168
	Gallery	93	63	30	343	90
	Liferay	46			1560	440
	dotProject	44	40	4	284	74
comparison points?	Concrete5	29	9	20	n/a	n/a
	vtiger	28			637	172
→	OpenBravo ERP	12			5887	1790
→	Alfresco	0			2861	828
	Compiere	0			501	133
	Intalio	0			n/a	n/a
	Pentaho	0			1699	479
	Jasper Reports	0			248	63
	OrangeHRM	0			188	47
	MindTouch Deki	0			248	64