Domain Stock Exchange
Deployment





Deployment

Software deployment :

- All of the activities that make a software system available for use.
- A complex endeavor and should be planned as earlier as possible in the development cycle.

– Deployment day is a stressful day.



"People under pressure don't work better; they just work faster. In order to work faster, they may have to sacrifice the quality of the product and their own job satisfaction." [Peopleware]



Deployment

• A bad release causes:

- Users frustration
- Demotivation for developers
- Late deployment vice cycle



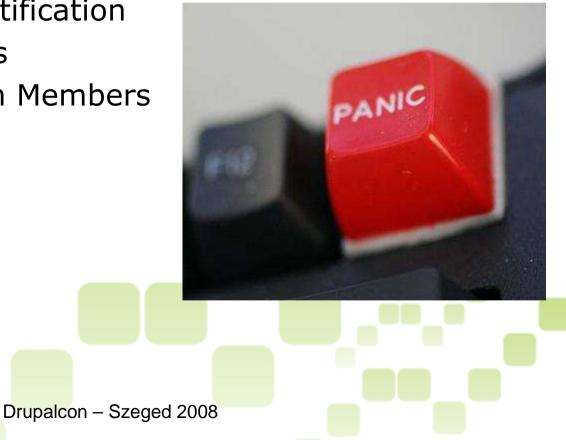
Solutions for a better release:

- Before start to work on next release get your team together and find out why the last release got late (they will likely give more reasons then the ones you thought)
- Rethink about milestones (Give more time)
- Think about the "Testing Day" (in case you don't have QA)



• Daily bases troubles:

- 1. Platform indentification
- 2. E-mail troubles
- 3. Delay on Team Members replication





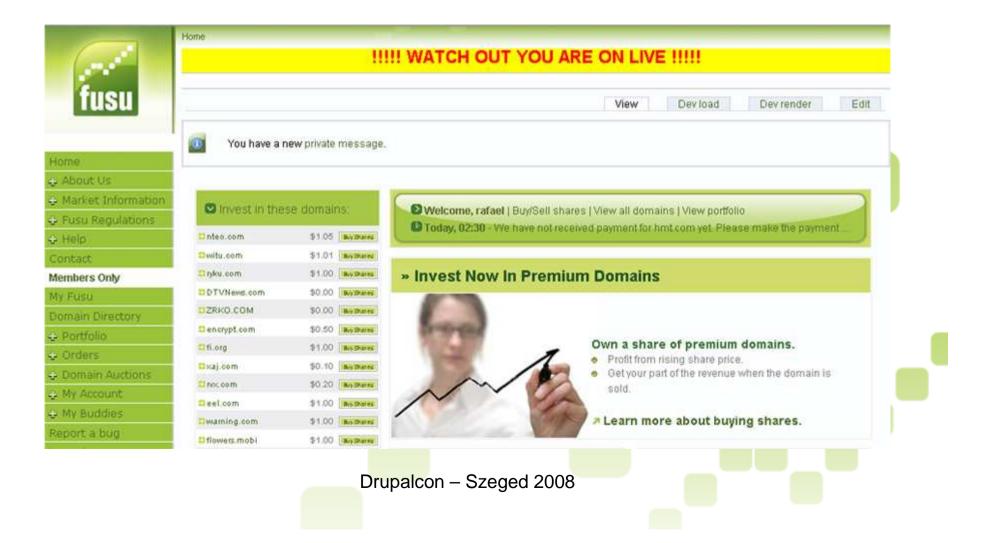
Deployment

1. Platform Indentification



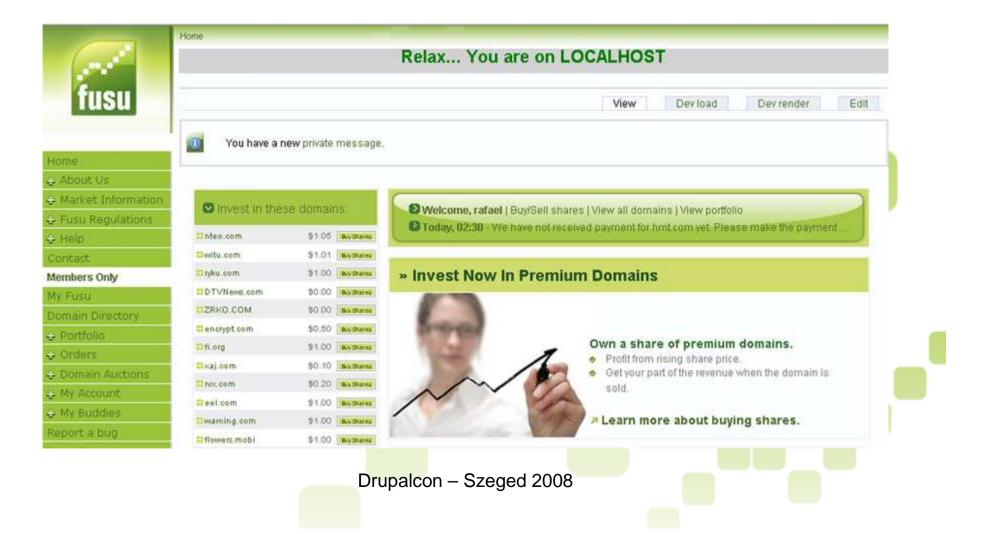


Deployment





Deployment





2. E-mail troubles

- First bad experience:

500 users affected on beta version

	Date	▲ Sta	Size
	23.04.2008 11:45	Forwa	5K
	23.04.2008 11:41	Read	5K
		-	14K
	22.04.2008 15:00	Replied	88
From: accounting@fusu.com			23.04.2008 1
VAT :			
Unit price	Total		
0.00	0.00		
Currency			0.00
	VAT : Unit price	23.04.2008 11:45 23.04.2008 15:00 From: accounting@fusu.com VAT : VAT : Unit price 0.00 0.00	23.04.2008 11:45 Forwa 23.04.2008 11:41 Read 22.04.2008 16:56 Replied 22.04.2008 15:00 Replied VAT : VAT :

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Deployment

2. E-mail troubles Precautions:

- fusu_email_recipient(\$recipient) function
- Custom of changing all user's mails as soon as the import is completed.
- Admin block for warning when e-mails are not changed yet on anywhere but live (not implemented yet)



3. Delay on Team Members Replication **Precautions:**

- Google Docs
- Skype Conf
- SVN Commit Comments



3 Servers environments:

- Local: Where we develop the modules separately and update/commit with SVN.
- DEV : Where we put things together and test.
- LIVE: Self descriptive



Problems with SVN:

- Commiting
- Updating
- Merging
- Locked Directory

Solution:

- Identify
- Try to solve gently otherwise explode the house and get rid of the rats!



Deployment

Fusu Customs:

- Tagg on every single Live update.
- Schedule a regular deploying day.
- Two days of testing; one for testing and one for fixing
- Google docs
- Talk alot
- Not Invented Here (NIH)
- Don't deploy on friday (just dont)



Deployment

My Goal: Help the others have

Help the others having a short way to a smooth lovely deploying day.



Deployment

Thanks for your time!