

Domain Stock Exchange

Deployment





Domain Market

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.



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"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]*



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- **A bad release causes:**
 - Users frustration
 - Demotivation for developers
 - Late deployment vice cycle



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- **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 than the ones you thought)
 - Rethink about milestones (Give more time)
 - Think about the “Testing Day” (in case you don’t have QA)



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- **Daily bases troubles:**

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





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1. Platform Indentification



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The screenshot shows the Fusu Domain Market website interface. At the top, there is a navigation bar with the Fusu logo and a 'Home' link. A prominent yellow banner displays the message '!!!! WATCH OUT YOU ARE ON LIVE !!!!'. Below this, there are buttons for 'View', 'Dev load', 'Dev render', and 'Edit'. A notification box indicates 'You have a new private message.' The main content area is divided into several sections:

- Invest in these domains:** A table listing various domain names and their share prices, each with a 'Buy Shares' button.
- Welcome, rafael:** A personalized message area with links for 'Buy/Sell shares', 'View all domains', and 'View portfolio'. It also includes a notification: 'Today, 02:30 - We have not received payment for hmt.com yet. Please make the payment...'.
- Invest Now In Premium Domains:** A section with a green header and a background image of a woman pointing at a rising line graph. It contains the text 'Own a share of premium domains.' followed by two bullet points: 'Profit from rising share price.' and 'Get your part of the revenue when the domain is sold.' Below this is a link: 'Learn more about buying shares.'

On the left side, there is a vertical menu with links for 'Home', 'About Us', 'Market Information', 'Fusu Regulations', 'Help', 'Contact', 'Members Only', 'My Fusu', 'Domain Directory', 'Portfolio', 'Orders', 'Domain Auctions', 'My Account', 'My Buddies', and 'Report a bug'.



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Deployment

The screenshot shows the fusu Domain Market web application. The header includes the fusu logo and the text "Relax... You are on LOCALHOST". Below the header are navigation buttons: "View", "Dev load", "Dev render", and "Edit". A notification bar states "You have a new private message." The main content area is divided into two columns. The left column contains a list of domains for investment, each with a price and a "Buy Shares" button. The right column features a welcome message for user "rafael", a notification about a pending payment for "hmt.com", and a promotional banner for "Invest Now In Premium Domains" with a list of benefits and a link to learn more.

Home

Relax... You are on LOCALHOST

View Dev load Dev render Edit

You have a new private message.

Invest in these domains:

nteo.com	\$1.05	Buy Shares
wifu.com	\$1.01	Buy Shares
nyku.com	\$1.00	Buy Shares
DTVNews.com	\$0.00	Buy Shares
ZRKO.COM	\$0.00	Buy Shares
encrypt.com	\$0.50	Buy Shares
fi.org	\$1.00	Buy Shares
xaj.com	\$0.10	Buy Shares
noc.com	\$0.20	Buy Shares
eel.com	\$1.00	Buy Shares
warning.com	\$1.00	Buy Shares
flowers.mobi	\$1.00	Buy Shares

Welcome, rafael | Buy/Sell shares | View all domains | View portfolio

Today, 02:30 - We have not received payment for hmt.com yet. Please make the payment...

» Invest Now In Premium Domains

Own a share of premium domains.

- Profit from rising share price.
- Get your part of the revenue when the domain is sold.

» Learn more about buying shares.



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2. E-mail troubles

- **First bad experience:
500 users affected on beta version**

Sender	Subject	Date	Sta...	Size
accounting@fusu....	↳ Your FUSU invoice2008-60	23.04.2008 11:45	Forwa...	5K
accounting@fusu....	Your FUSU invoice2008-55	23.04.2008 11:41	Read	5K
William Brister	✔ Re: Your FUSU invoice2008-645	22.04.2008 16:56	Replied	14K
Errol Vanderhorst	✔ Fw: Your FUSU invoice2008-675	22.04.2008 15:00	Replied	8K

+ **Subject:** Your FUSU invoice2008-55 **From:** accounting@fusu.com 23.04.2008 1

		VAT :	
Issuing Bank: Tatra banka, a.s. Slovakia			
SWIFT: TATRSKBX			
IBAN: SK96 1100 0000 0029 2281 5774			
Account No.: 2922815774 Bank code: 1100			
Payment:	payment order		
Invoice date:	01/01/1970		
Due date:	01/01/1970		
Date of a taxable supply:	01/01/1970		
Description	Qty	Unit price	Total
Fees Invoice			
expense number one	1	0.00	0.00
Subtotal			
TOTAL DUE		Currency	0.00

Dňa 8.15.2008 2:22:004 7 a je miestom dodania chr?bu in? 21and: žt+



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)



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3. Delay on Team Members Replication

Precautions:

- Google Docs
- Skype Conf
- SVN Commit Comments



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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



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Problems with SVN:

- Commiting
- Updating
- Merging
- Locked Directory

Solution:

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



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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)



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My Goal:

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



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Thanks for your time!

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