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# JavaFX Technology: Bring the Web with You - Multiple Interfaces to Games, Chat, and More

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TS-5657



# The era of multiple interfaces, & your stuff!

➤ by Josh Marinacci and Anthony Rogers

# It's all about your stuff!

- mashups, tags, p2p, clouds, c2c
- Web Services, AJAX, Web 2.0,
- Flex, Silverlight, JavaFX, RIAs

# What you will learn

- Why to design multiple interfaces to your stuff
- Where JavaFX fits in the spectrum of technologies
- Some awesome examples

# Why you should listen to us?

- Josh: 12 years of Java GUI experience
- Ant: 100+ years of kickass design

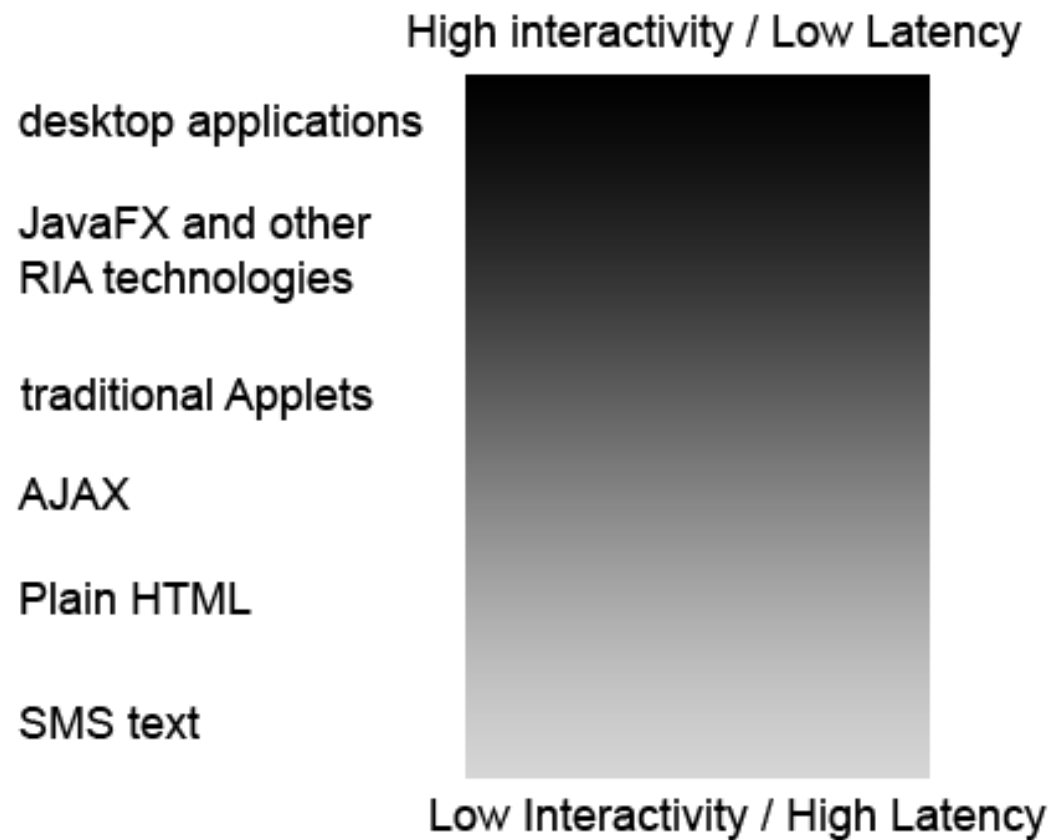
# You are the center

- no one technology is the best
- right tool for the job == use multiple tools
- you and your web services are the center

# Next-Gen Web

- the web != html pages
- Examples: Twitter, iTunes, eBay
- a spectrum of technologies
- as always, your service is the center

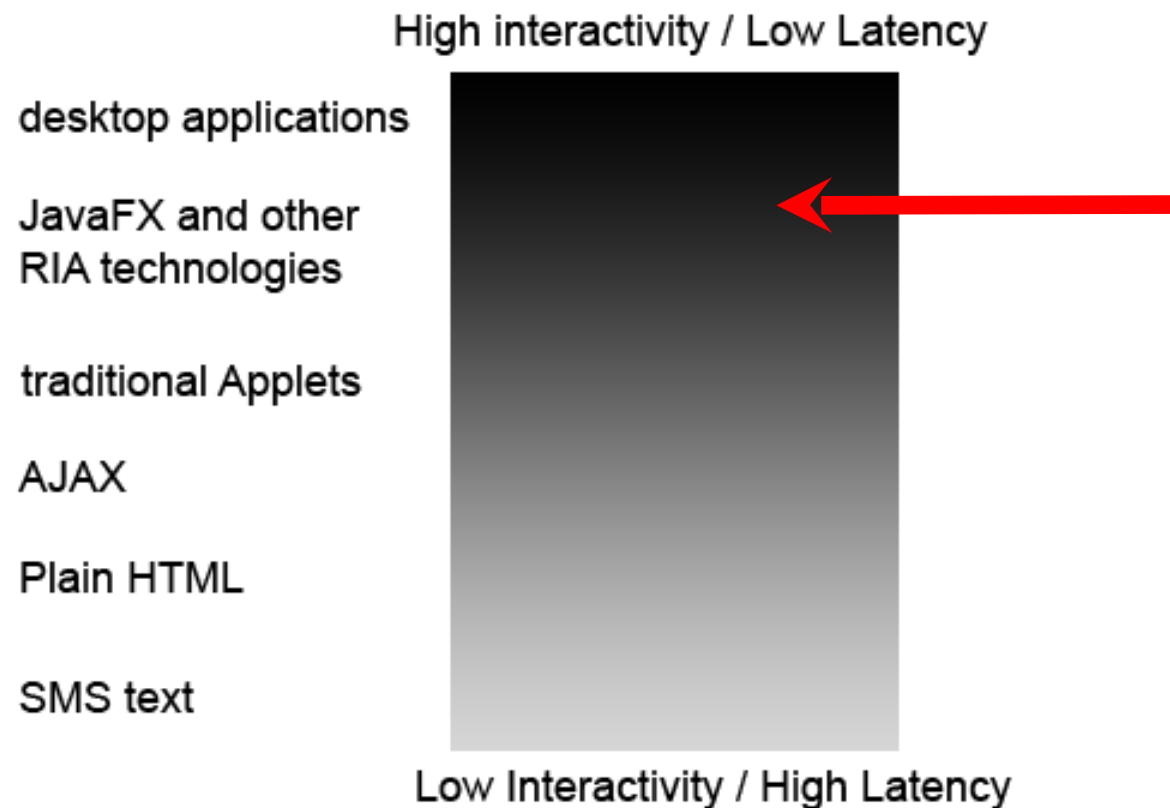
# tech spectrum





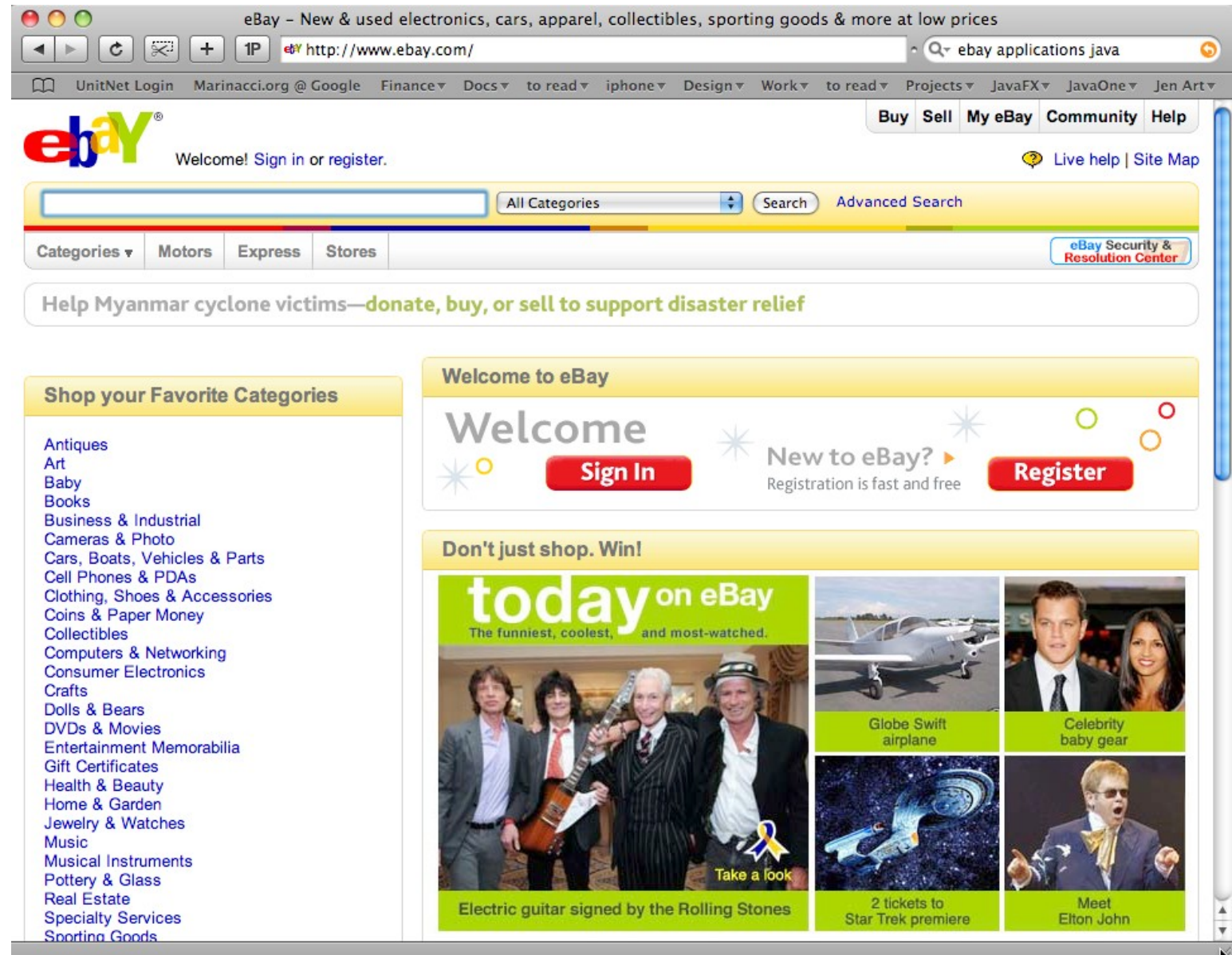
# Where is JavaFX?

- high interactivity, high visualization, high computational power.



# Examples: eBay and Twitter

# eBay

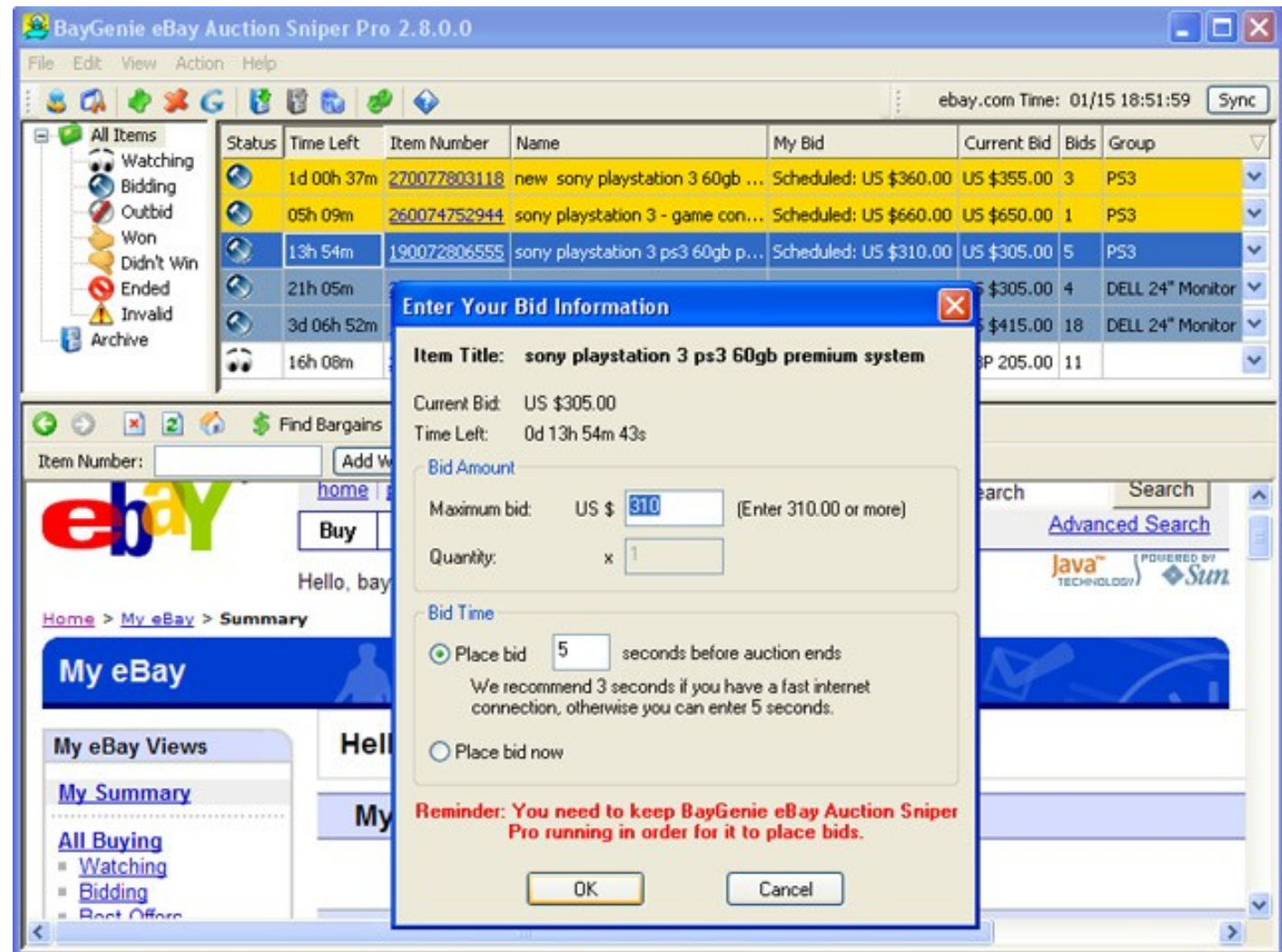


The screenshot shows the eBay homepage in a web browser window. The browser's address bar displays "http://www.ebay.com/" and the search bar contains "ebay applications java". The page features the eBay logo, a welcome message, and navigation links for "Buy", "Sell", "My eBay", "Community", and "Help". A search bar with "All Categories" and a "Search" button is prominent. Below the search bar, there are links for "Categories", "Motors", "Express", and "Stores". A banner for "Help Myanmar cyclone victims—donate, buy, or sell to support disaster relief" is visible. The main content area is divided into two sections: "Shop your Favorite Categories" on the left, listing various product categories like Antiques, Art, Baby, Books, etc., and "Welcome to eBay" on the right, which includes a "Welcome" message, "Sign In" and "Register" buttons, and a "Don't just shop. Win!" section featuring a grid of featured items: "Electric guitar signed by the Rolling Stones", "Globe Swift airplane", "Celebrity baby gear", "2 tickets to Star Trek premiere", and "Meet Elton John".

# E bay mobile



# E bay sniper



# Twitter

- many interfaces
- mashup friendly
- applets, desktop, and phone



# Twitter



The screenshot shows the Twitter homepage in a web browser. The browser's address bar displays "http://twitter.com/home". The Twitter logo is prominently displayed at the top left of the page. A search bar with the placeholder text "Name or location" and a "search" button is located to the right of the logo. Navigation links for "Home", "Find & Follow", "Settings", "Help", and "Sign out" are visible. The main content area features a "What are you doing?" prompt with a text input field and an "update" button. Below this, a list of tweets from the user "timbray" is shown, each with a profile picture, text, and a timestamp. The right sidebar contains a greeting "Hi, your profile", a status update "Currently trying to relax, unsuccessfully", a "Device updates" section, and a "Stats" section showing metrics like "Following", "Followers", "Favorites", "Direct Messages", and "Updates".

Twitter

http://twitter.com/home

UnitNet Login Marinacci.org @ Google Finance Docs to read iphone Design Work to read

Name or location search Home Find & Follow Settings Help Sign out

What are you doing? 140

update

Recent Replies Archive Everyone

timbray SFO is another place where your boingo.com account works. It saves me megabucks. about 7 hours ago from twitterrific

timbray Heading home, and expecting many fewer biz trips in foreseeable future. Happy. Suspect there are a few like me. about 7 hours ago from twitterrific

timbray OH: "You can't do JOIN at Web scale, so why waste your time with all that relational crap?" about 9 hours ago from twitterrific

timbray #bwstory Twitter may not reach everyone, but you probably want to reach the people it does. about 11 hours ago from twitterrific

timbray For Twitter-API-heads: the answer is.... if you want '&' in the message, use %26. Which means, I suppose, % itself should be escaped. about 11 hours ago from twitterrific

timbray Pardon the static while I debug posting ampersands via API: & about 11 hours ago from web

timbray Perhaps it wants %26 about 11 hours ago from twitterrific

Hi, your profile

Joshua Marinacci

Currently

trying to relax, unsuccessfully

Put your updates on your site!

Device updates add device

Take Twitter with you! Set up your phone or IM!

Stats

Following	5
Followers	9
Favorites	0
Direct Messages	0
Updates	36

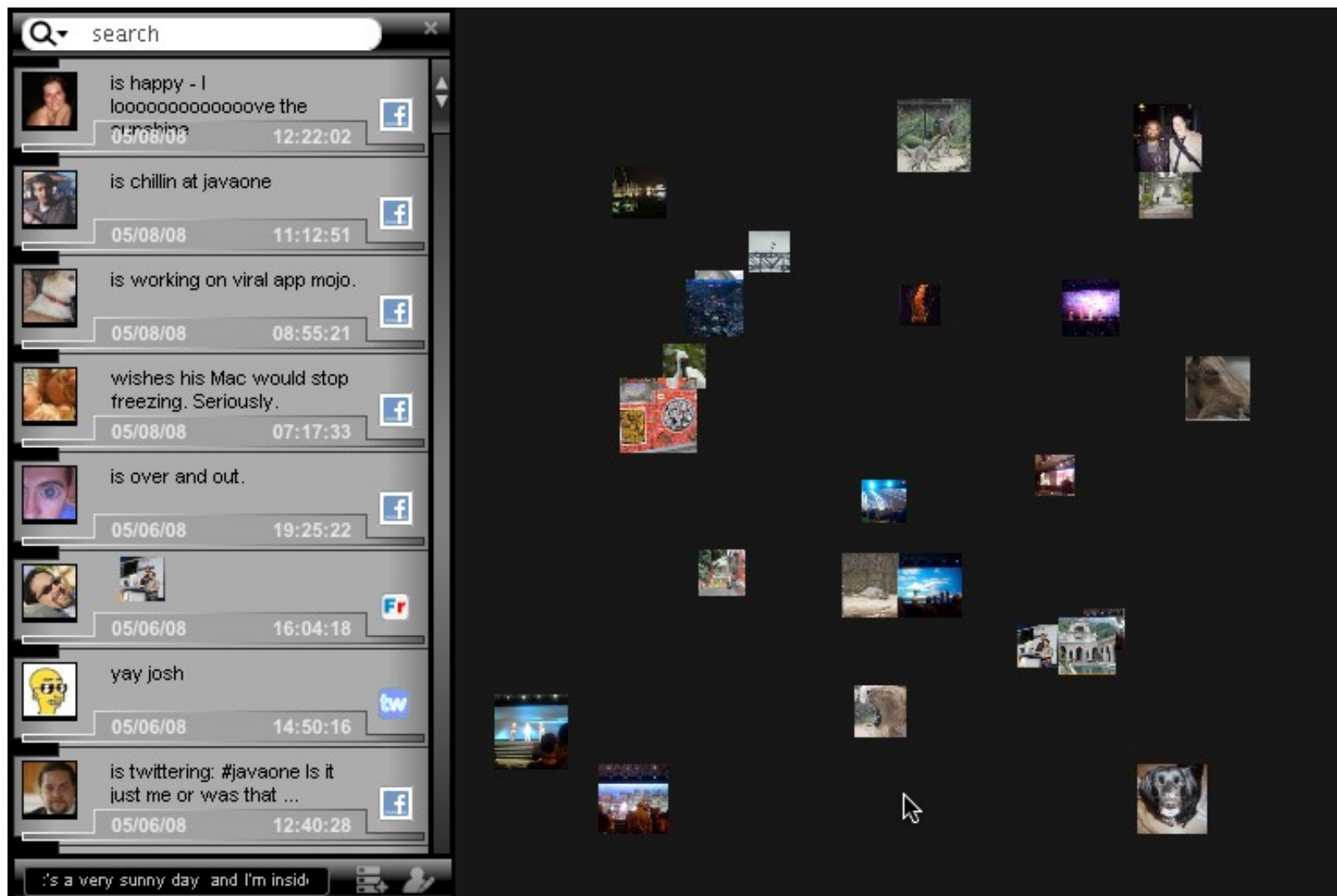
People invite more

# Twitterific





# Connected Life



# MoonTank

- Simple 3D game
- playable on desktop & web. No difference!
- Darkstar server

# MoonTank: Demo

# le fin

- JavaFX: part of the next gen web spectrum
  - multiple interfaces to the same services
- A great new tool for your toolbox
  - <http://javafx.com/>
  - SDK coming in July



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