Gaming, Gamification, + DH (feat. Twine!)

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Emerging Tech & Online Learning Librarian at John Jay College of Criminal Justice, CUNY

November 6, 2017 • Pratt Institute ASIS&T Student Chapter / NYCDH Slides online at <u>jiay.cc/prattgame</u>

Where I'm coming from...







Input screen

Output screen

Research help



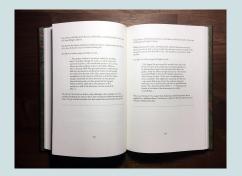
- How to find a book in the Library
- · Guide to finding books
- Requesting books from other CUNY libraries
- Help with ebooks



- Finding articles (OneSearch)
- Finding articles (general)
- Guide to finding articles
- Troubleshooting problems



- From question to keywords
- OneSearch tips
- Guide to using a database
- Searching tips
- Help for EBSCO databases, LexisNexis, and PsycINFO



Gamification is...

The process of game-thinking and game mechanics to engage users and solve problems

Gamification by Design (2012), Gabe Zichermann and Christopher Cunningham

Something in the real world with a gameful or playful layer on top (e.g., a class syllabus)... As distinct from gaming and game-based learning (e.g., playing Carmen Sandiego)

Paraphrased from CUNY Games festival 2014, Scott Nicholson (bgnlab.ca)

Exploitationware

Ian Bogost, "Gamification is Bullshit" 2011 blog post (link)

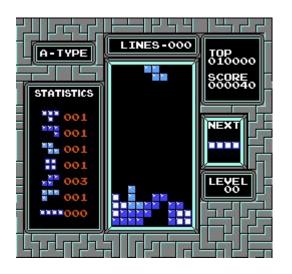
Game design

Motivation + rewards = "the sweet spot"

"flow"

"being in the zone"

(prolonged engagement)





Rewards (SAPS)

Status Leaderboards, badges

Access Unlock a VIP reward

Power Extra powers

Stuff 10th coffee is free

Gamification by Design (2012)



	Stack Overflow Q&A for professional and enthusiast programmers (7,978,448 total users)		Nov 5, 2017 - Nov 5, 2017 • prev week		
Type to find users:			Sort by: Week Rank		
	Jon Heller	#1	+232	21,659	505
0	member for: 7 years, 3 months	week rank	change	total reputation	week reputation
	Gordon Linoff	#2	-1	604.271	440
	●23 ●207 ●300 member for: 5 years, 10 months	week rank	change	total reputation	week reputation
delte	COLDSPEED	#3	+24	44,931	430
	9 @43 @80 member for: 2 years, 5 months	week rank	change	total reputation	week reputation
	Tarun Lalwani	#4	+1	21,842	415
	●2 ■8 ●27 member for: 4 years, 1 month	week rank	change	total reputation	week reputation

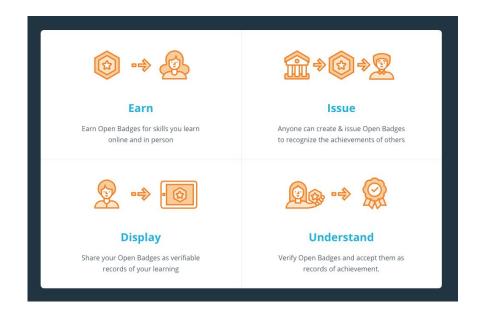


Gamification + education

Open Badges from Mozilla openbadges.org

Nanodegrees <u>udacity.com/nanodegree</u>

And also... Every degree and syllabus





Games + DH

Games as texts

- Game studies, platform studies, literary studies
- Examples: <u>Preserving Virtual Worlds</u>, <u>MIT Platform Studies series</u>

Data as game components

- Crowdsourcing information
- Example: <u>buildinginspector.nypl.org</u>

• E-lit

- Hypertext
- Example: <u>depressionquest.com</u>

Twine twinery.org

Open-source software for creating nonlinear stories, exported in HTML

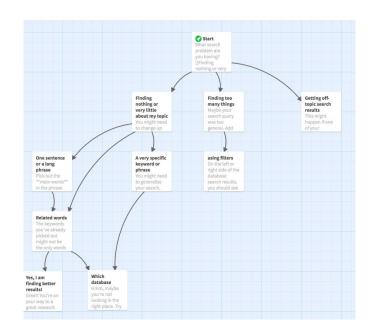
Nonlinear stories

"Choose your own adventure"

"Chooseable path"

Skip, loop, reverse, traverse the story

Great Twine example: birdland.camp



Uses for Twine

- Interactive creative fiction
 - o <u>Interactive Fiction Database</u>
- Choose-your-own-adventure game
 - o <u>Birdland.camp</u>
- Step-by-step tutorials
 - o <u>Library example</u> from Miriam Posner
- ???

Try it yourself!

Open up twinery.org

Click the **Use it online** link, upper right

Click Skip

Click **+Story** on the right

Harlowe markup style basics

```
[[Link to another page]] ← if the link name doesn't already exist, one will be created
[[preferred link name|Link to another page]]

**bold** or ''bold''

*italic* or //italics//

* list
* list
<a href="#">some HTML is okay</a></a>
```

Export your HTML

Select **Publish to File** (bottom nav bar)

Send the .html file to me at <u>RDVS18@gmail.com</u> so I can import it into my browser Twine to show everyone

Web app vs. downloaded app?

- The web app
 - is easiest to start using
 - o stores data in your browser cache, so clearing your cache would delete your story.
 - o lets you download the finished HTML product with the Publish to File option
- The downloadable software
 - stores data locally, so no worries about accidental deletion
 - o is otherwise exactly the same

Interested in games & gamification?

Attend the **CUNY Games Conference** in January 2018

Interested in e-lit?

Explore the Electronic Literature Organization (ELO)

Follow Dene Grigar, ELO President and champion of saving/documenting e-lit

Check out NaNoGenMo (and Darius Kazemi) this month!

Thanks!

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