Marginalia:

Web Annotation for Engaged Teaching and Learning

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http://bit.ly/OEhPb



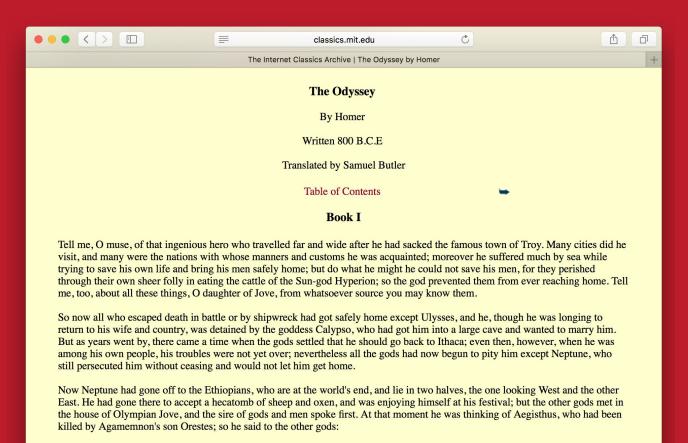
Annotation: An Age-Old Tradition



Annotation: A Proven Learning Tool

what else could H. do? dozen times I've thought I've seen things. No, I won't say what. It his knees, kissed Hallorann's cheek, and gave him a big hard hug. ain't for a little boy like you. Just nasty things. Once it had some-Hallorann hugged him back. When he released the boy he asked: "Your folks, they don't thing to do with those damn hedges clipped to look like animals. Another time there was a maid, Delores Vickery her name was, shine, do they?" and she had a little shine to her, but I don't think she knew it. "No, I don't think so." Mr. Ullman fired her . . . do you know what that is, doc?" "I tried them like I did you," Hallorann said. "Your momma jumped the tiniest bit. I think all mothers shine a little, you know, "Yes, sir," Danny said candidly, "my daddy got fired from his teaching job and that's why we're in Colorado, I guess." at least until their kids grow up enough to watch out for themselves. Your dad . . ." "Well, Ullman fired her on account of her saying she'd seen something in one of the rooms where . . . well, where a bad thing Hallorann paused momentarily. He had probed at the boy's fahappened. That was in Room 217, and I want you to promise me ther and he just didn't know. It wasn't like meeting someone who you won't go in there. Danny. Not all winter. Steer right clear." had the shine, or someone who definitely did not. Poking at "All right," Danny said, "Did the lady-the maiden-did she Danny's father had been . . . strange, as if Jack Torrance had ask you to go look?" something-something-that he was hiding. Or something he was "Yes, she did. And there was a bad thing there. But . . . I holding in so deeply submerged in himself that it was impossible don't think it was a bad thing that could hurt anyone, Danny, to get to. that's what I'm tryin to say People who shine can sometimes see "I don't think he shines at all," Hallorann finished. "So you things that are gonna happen, and I think sometimes they can see don't worry about them. You just take care of you. I don't think things that did happene But they're just like pictures in a book. there's anything here that can hurt you. So just be cool, okay?" Did you ever see a picture in a book that scared you, Danny?" "Okav." Yes, he said, thinking of the story of Bluebeard and the pic-"Danny! Hev. doc!" fure where Bluebeard's new wife opens the door and sees all the Danny looked around, "That's Mom. She wants me. I have to "But you knew it couldn't hurt you, didn't you?" "I know you do," Hallorann said. "You have a good time here, "Ye-ess . . ." Danny said, a little dubious. Danny. Best you can, anyway." "Well, that's how it is in this hotel. I don't know why, but it "I will. Thanks, Mr. Hallorann. I feel a lot better." seems that all the bad things that ever happened here, there's little The smiling thought came in his mind: pieces of those things still layin around like fingernail clippins or (Dick, to my friends) the boogers that somebody nasty just wiped under a chair. I don't (Yes, Dick, okay) know why it should just be here, there's bad goings on in just Their eyes met, and Dick Hallorann winked. Uabout every hotel in the world, I guess, and I've worked in a lot of Danny scrambled across the seat of the car and opened the pasthem and had no trouble. Only here, But Danny, I don't think senger side door. As he was getting out, Hallorann said, "Danny?" those things can hurt anybody." He emphasized each word in the "What?"

Online reading poses problems



Social annotation helps solve them



Outline

Act 1: Annotation then & now

Act 2: Web annotation in Teaching & Learning

Act 3: Open Source + Open Web

Act 4: Annotation in the classroom

Act 5: Annotation activity

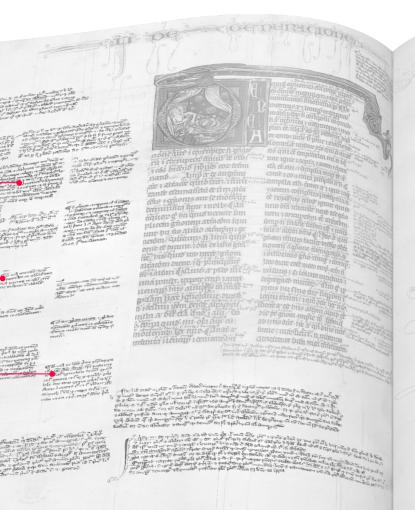
1. Annotation Then & Now



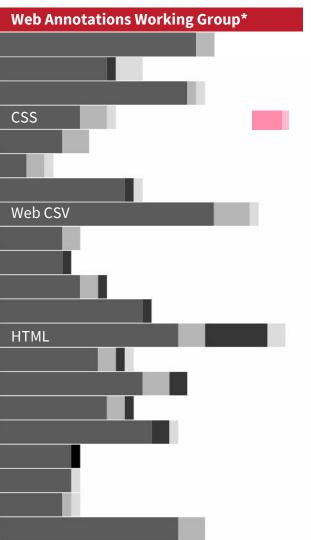
In context, In layers

Focused conversations

Additive to material



"Aristotle, Libri Naturales", 13th Century British Library



Web Standard

On Feb 23, 2017 the W3C formally standardized Web Annotations

w3.org/annotation



Annotation in the era of print

READ	WRITE	METHOD	USE CASE
ALL	SOME	PUBLISHER LAYER	Midrash, commentaries, critical editions, other curated supplements to primary text
ONE	ONE	PRIVATE ANNOTATION	Personal marginalia, notetaking



WALDEN

hear, O dear! how he did get down again! 35 For my part, I think that they had better metamorphose all such aspiring heroes of universal noveldom into man weathercocks, as they used to put heroes among the constellations, and let them swing round there till they are rusty, and not come down at all to bother honest men with their pranks. The next time the novelist rings the bell I will not stir though the meeting-house burn down. "The Skip of the Tip-Toe-Hop,34 a Romance of the Middle Ages, by the celebrated author of 'Tittle-Tol-Tan,'35 to appear in monthly parts:36 a great rush; don't all come together. All this they read with saucer eyes, and erect and primitive curiosity, and with unwearied gizzard, whose corrugations to even yet need no sharpening, just as some little four-year-old bencher38 his two-cent gilt-covered edition of Cinderella, - without any improvement, that I can see, in the pronunciation, or accent, or emphasis, or any more skill in extracting or inserting the moral. The result is dulness of sight, a stagnation of the vital circulations, and a general deliquium39 and sloughing off of all the intellectual faculties. This sort of gingerbread is baked daily and more sedulously than nure wheat or rye-and-Indian 40 in almost every oven, and finds a surer market.

The best books are not read even by those who are called good readers. What does our Coronal culture amount night There is in this town, with a very few exceptions, no tare for the best or for very good books even in English Iterature, whose words all can read and spell. From the college-level and no called liberally evaluated men here and elsewhere here early little coursed men here and elsewhere here early little control to the control of the college of the control of the college of the college

Ages of the World to Nearly the Present Time, also, Extensive Scripture Lessons by "a friend to general improvement" (New York, 1827). 29 Reading is a town in Massachusetts, althoug

improvement" (New York, 832).
29. Reading is a town in Massachusetts, although Thoreau may have had in mind Reading, Ingland, op. Possible allusion to folkice as represented in Sir Thomas Browner's "That the Ostrich Digestin the Thomas Browner's "That the Ostrich Digestin Intelligent Commonly Persuanded Inglanding, or, Engaintee into Very Many Received Tevents and Commonly Persuanded Tudes.

31 Zebulan (or Zebulan), in the Bible, was the sish on of Jacob and Leah (Cenesis 30:19-20). Sephrocia is a possible variation on Sophrocia, a character in the 16th-century poem Jenualem Delivered by Isaso (1544-1954). Both rames were used in the 88th and 19th centuries. 32. Allusion to Shakespares' A Midbummer. Night's Desem 33194: "The course of true love neared in the seconds."

naver did run smooth.

31. Unidentified allusion.

34. Possible allusion to James Fenimore Cooper's
(1789–1831) novel The Wept of Wish-ton-Wish
(182q), although it was about King Philip's War,

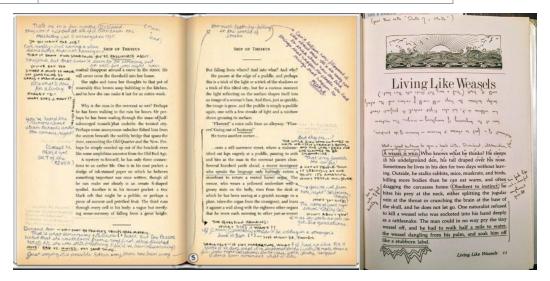
(1849), amough it was about king philip's war, not the Middle Ages. 35 In "Walking" Thoreau referred to "the child's rigmanole, lery wiery ichery van, tittle-tol-tan" [W 5:236]. 36 Publishing a work serially in parts was a

common tight-century practice.
37 Sred-eating birds have muscular corrugated
walls in their gizzards, to help with digestion.
38 Refers to the form, or bench, mentioned
above.
90 Lack of vitality.

40 Dark bread made of rye and Indian (maize or corn) meal. 41 By common standards, Concord's culture

41. By common standards, Concord's culture amounted to much—most of the town's leading men were Harvard graduates, and the Lyceum had begun in 1829—but Thoreau is looking for a more transcendental perception.

42. Alek Therien, who is described more fully in the "Visions" chanter.



Annotation on the open web

READ	WRITE	METHOD	USE CASES	
ALL	ALL	PUBLIC ANNOTATION	Open learning & social conversation	
ALL	SOME	PUBLISHER LAYER	Midrash, commentaries, critical editions, other curated supplements to primary texts	
SOME	SOME	PRIVATE ANNOTATION GROUP	Educational classes, editorial review, affinity groups	
ONE	ONE	PRIVATE PERSONAL ANNOTATION	Personal marginalia, notetaking	

Open web annotation doesn't just **enable new kinds of annotation**, it makes each of these methods possible **on the same text at the same time**.



Layers of Annotation

Built on Open Standards

General Public UT Austin Bio 101 Expert Community Private Notes

Any Website, Article, eBook, Document, Multimedia

2. Web Annotation for Teaching & Learning

We have all seized the white perimeter as our own and reached for a pen if only to show we did not just laze in an armchair turning pages; we pressed a thought into the wayside, planted an impression along the verge.



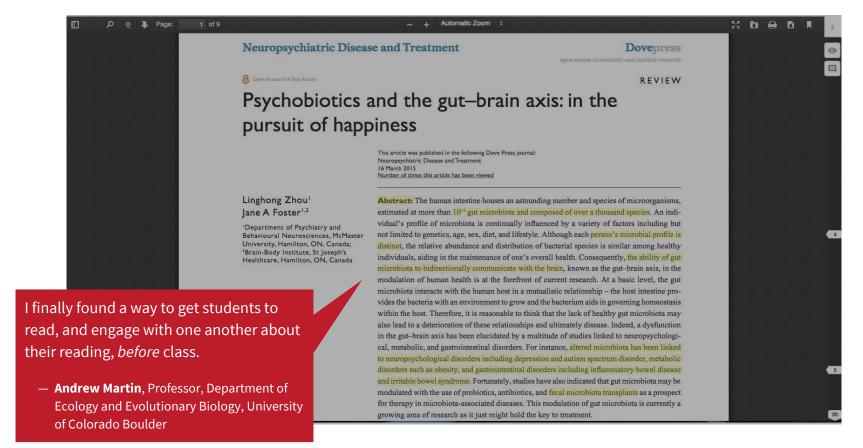
⁻ Billy Collins, "Marginalia"

Online, a book can be a gathering place, a shared space where readers record their reactions and conversations. Those interactions ultimately become part of the book too, a kind of amplified marginalia.

- Jennifer Howard, "<u>With 'Social Reading,' Books Become Places to Meet</u>" (2012)



Open web annotation makes reading visible





Open web annotation makes reading active





Open web annotation makes reading social

> Modules > Rights, Natural Rights, and the Bill of Rights > D. Locke on the Social Contract

CHAPTER, II.

OF THE STATE OF NATURE.

Sect. 4. TO understand political power right, and derive it from its original, we must

nen are naturally in, and that is, a state of perfect freedom to dispose of their possessions and persons, as they think fit, law of nature, without asking leave, or depending upon the

a state of perfect freedom to order

their actions, and dispose of their

possessions and persons, as they

think fit, within the bounds of the

When I'm reading I sometimes wonder, 'Does anyone actually understand this? Am I crazy?' With this tool I know I'm not alone.

Shannon Griffiths, undergraduate student at Plymouth State University

wherein all the reciprocal, no other; there bet, than that creas and rank, ll the same adhe use of the

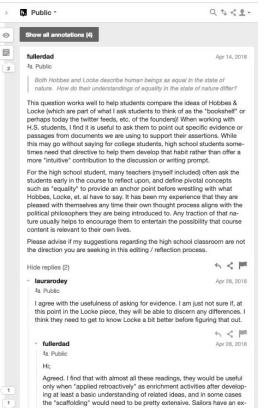
ame adof the
or depending upon the will of any
other man

sthout subordination

or subjection, unless the 'ord and master of them all should, by any manifest declaration of his will, set one above another, and confer on him, by an evident and clear appointment, an undoubted right to dominion and sovereignty.

Stop and Think

Both Hobbes and Locke describe human beings as *equal* in the state of nature. How do their understandings of equality in the state of nature differ?

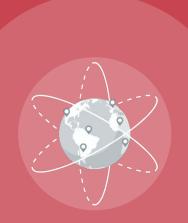




Part of a broader conversation







Empowering substantiveintellectual conversation andcivic participation across the web

Open web annotation can be more than text on text

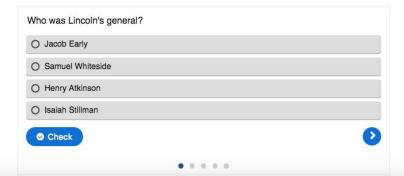
Publication history:

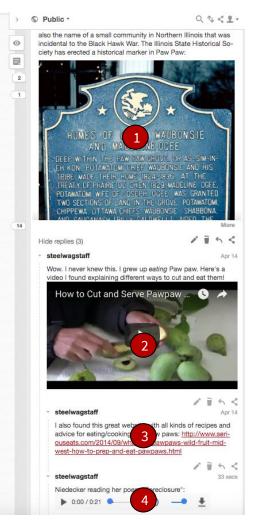
This short poem was probably written in 1941 and was included in Niedecker's first book, *New Goose*, published in 1946 by the Press of James A. Decker. One of Niedecker's favorite poems, she also included it her second book, *My Friend Tree* published in 1961 by The Wild Hawthorn Press in Edinburgh, Scotland as well as both of the collected editions of her work that appeared during her lifetime: *T&G: The Collected Poems*, 1936-1966, published in 1969 by Jonathan Williams' The Jargon Society, and *My Life By Water: Collected Poems* 1936-1968, published by Stuart and Deidre Montgomery's Fulcrum Press in London in 1970.

Black Hawk held: In reason land cannot be sold, only things to be carried away, and I am old.

Young Lincoln's general moved, pawpaw in bloom, and to this day, Black Hawk, reason has small room.

Post poem quiz:





At left: <u>Pressbooks</u> page with rich annotations.

Open web annotations can theoretically contain any browser-supported web element. **Examples:**

- 1. Images
- **2.** Embedded video [iframe element]
- **3.** External links
- **4.** Embedded audio [HTML5 audio element]

For more: see Steel's writing about adding interactivity to web annotations or his talk at iAnnotate 2018

3. Open Source + Open Web

Pressbooks

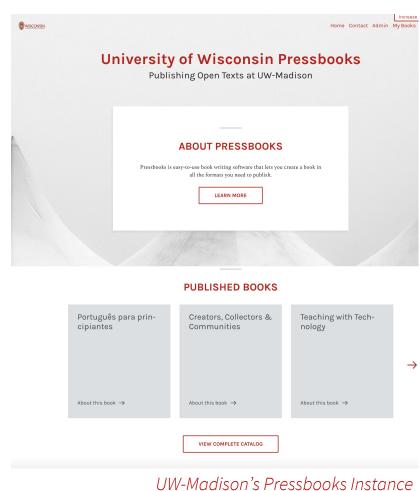
Pressbooks is "an online book publishing platform that makes it easy to generate clean, well-formatted books in multiple outputs. Pressbooks is built on WordPress and is <u>open source</u>."



— Hugh McGuire, Pressbooks founder

Pressbooks is a Network

- Each PB instance is a centrally-managed network (a WordPress multisite) which can contain an enormous number of separate "books."
- Each "book" has a unique web address.
 Books on the same network can have different structures, appearances, copyright licenses, & permissions.



What is a Pressbook?

Published books exist as standalone web texts featuring:

- 1. Title & descriptive information
- 2. Cover image
- 3. Download options
- 4. Table of contents
- 5. Additional licensing information& metadata [not shown]







The Hypothesis Project



Non-profit

The Web works because, through standards, everyone can build on it—and no one owns it. The conversation over the web should be the same, and the organization behind it should be aligned with that outcome.















Nate Angell Director of Marketing



Jeremy Dean Director of Education



Peg Fowler Director, Business Operations



Lyza Danger Gardner Developer



Sean Hammond Developer



Robert Knight Developer



Katelyn Lemay Support Engineer



Heather Staines Director, Partnerships



Hannah Stepanek Developer



Jon Udell Director, Integrations



Sheetal Umesh Kumar Developer



Arti Walker-Peddakotla Product Manager

Our Team

100% dedicated to open annotation

- 1. Technology
- 2. Services
- **3.** Adoption
- 4. Integrations
- 5. Partnerships
- **6.** Use cases



Dan Whaley Founder/CEO



Dave Wolfe Designer/Developer

Sign up for an Hypothesis account:

Hypothes.is	
Sign in / Create an account	
Username: (between 3 and 30 characters)	
Email address:	
Password:	
You are agreeing to be bound by our Terms of Service and Community Guidelines.	Sign up

Visit http://hypothes.is/signup and confirm account via email.



Browser Extensions

Add Hypothesis to your browser.

Install our Chrome extension or add the bookmarklet to your preferred browser.

Click the button below to install the Hypothesis extension from the Chrome Web Store.

CHROME EXTENSION

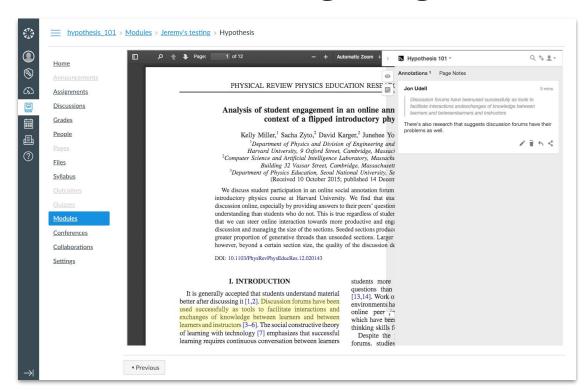
For any browser, drag this button to the bookmarks bar, or right-click/control-click to bookmark the link.

HYPOTHESIS BOOKMARKLET

<u>Chrome extension</u> and a <u>bookmarklet</u> (for other browsers)



LMS App with Single Sign On

















Select text to annotate



Select text to annotate.

Add tags and post publicly or save privately.

Reply to or share any annotation.

Link to notes or whole pages.

Annotate together in groups.

Collaborate privately with others.

Search your notes.



Reply to or share any annotation



Select text to annotate.

Add tags and post publicly or save privately.

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Link to notes or whole pages.

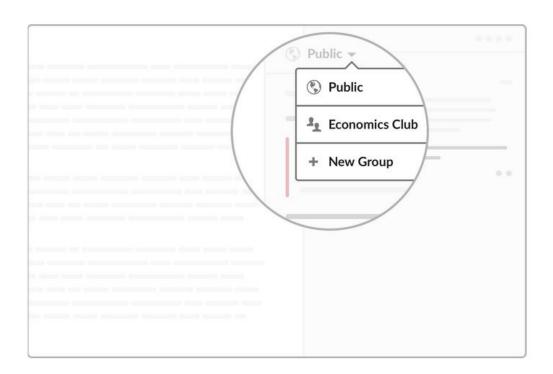
Annotate together in groups.

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Search your notes.



Annotate together in groups



Select text to annotate.

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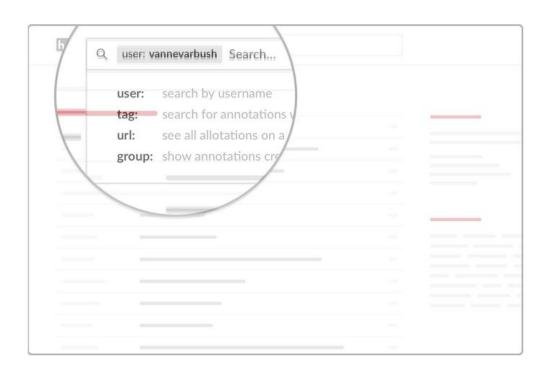
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Search your notes.



Search your notes



Select text to annotate.

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Reply to or share any annotation.

Link to notes or whole pages.

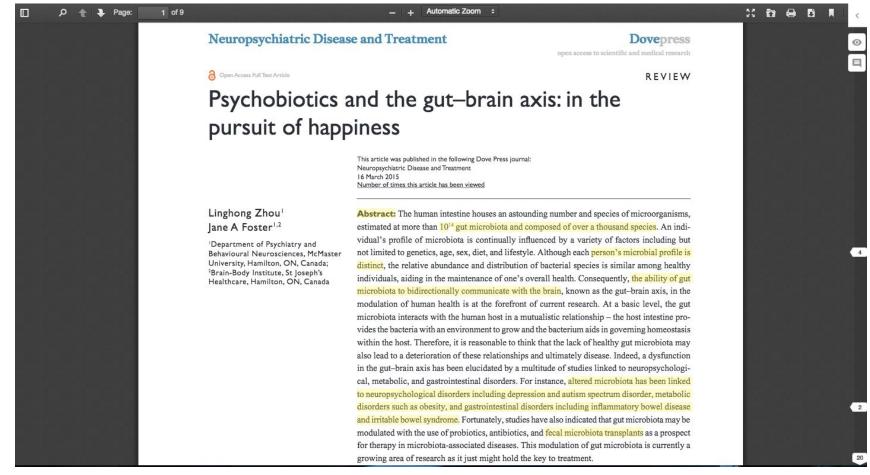
Annotate together in groups.

Collaborate privately with others.

Search your notes.



4. Annotation in the Classroom



Main page Contents Featured content Current events Random article Donate to Wikipedia Wikipedia store

Interaction
Help
About Wikipedia
Community portal
Recent changes
Contact page

Tools

What links here Related changes Upload file Special pages Permanent link

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Languages Català Deutsch



Hypertext fiction

From Wikipedia, the free encyclopedia

Hypertext fiction is a genre of electronic literature, characterized by the use of hypertext links which provide a new context for typically chooses links to move from one node of text to the next, and in this fashion arranges a story from a deeper pool of potential

The term can also be used to describe traditionally-published books in which a nonlinear narrative and interactive narrative is achier Mark Z. Danielewski's *House of Leaves* (2000), Enrique Jardiel Poncela's *La Tournée de Dios* (1932), Jorge Luis Borges' *The Gard* and Julio Cortázar's *Rayuela* (1963; translated as *Hopscotch*) are early examples predating the word "hypertext", while a common to young adult fiction and other similar gamebooks. *The Garden of Forking Paths* is both a hypertext story and a description of a fiction

Contents [hide]

- 1 Definitions
- 2 History
- 3 Characteristics
- 4 See also
- 5 References
- 6 External links

Definitions [edit]

There is little consensus on the definition of hypertext literature.^[2] The similar term cybertext is often used interchangeably with hyp role in the creation of the narrative. Each user obtains a different outcome based on the choices they make. Cybertexts may be equ a novel, and a game. In a novel the reader has no choice, the plot and the characters are all chosen by the author, there is no because person working their way through the novel is not an active participant. In a game, the person makes decisions and decides what to

To Espen Aarseth, cybertext is not a genre in itself; in order to classify traditions, literary genres and aesthetic value, texts should be is a kind of **ergodic literature**:

In ergodic literature, nontrivial effort is required to allow the reader to traverse the text. If ergodic literature is to make sense a where the effort to traverse the text is trivial, with no extranoematic responsibilities placed on the reader except (for example) pages. [citation needed]

gnai kah

Read @

Hypertext fiction is a genre of electronic literature, characterized by the use of hypertext links which provide a new context for nonlinearity in literature and reader interaction

More

Q \$ < 2 .

8 days ago

The concept of being non-linear and interactive is what has stood out to me in the examples of electronic literature that I've seen so far. While this can appear in traditional books, it seems to be far less common and thus can be seen as a defining feature of hypertext fiction.

#d004x

Reply C Link

spleenlesswonder

9 days ago

while a common pop-culture example is the Choose Your Own
Adventure series in young adult fiction and other similar
aamebooks.

More

I've taught several lit classes where I begin by having students read a CYOA book. It is very effective at getting us thinking about structure, format, and readerly experience.

#d004x

♠ Reply
 Link

iessa

8 days ago

In a novel the reader has no choice, the plot and the characters are all chosen by the author, there is no 'user,' just a 'reader,' this is important because it entails that the verson working their uses

More

Very interesting opportunities. Seems so interactive and promising to





"Just Hillary Things"

Literature, Media and Technology

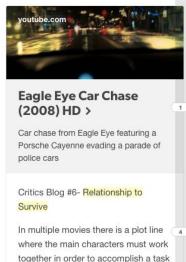
ARCHIVE

Life and Love is Only as Complicated as you Make it

Messes are inevitable. So are relationships. It doesn't matter what type of relationship it is, our lives are ruled by all of the relationships we are involved in. This may be because human bodies are genetically made to reproduce. It seems as if our bodies need/crave relationships in order to survive. But with relationships come messes. Messes and relationships always seem to go hand in hand.

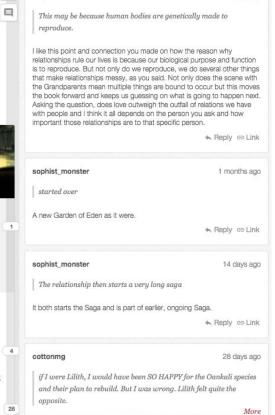
Critics Blog #7 "All Actions are a Snowball Saga"

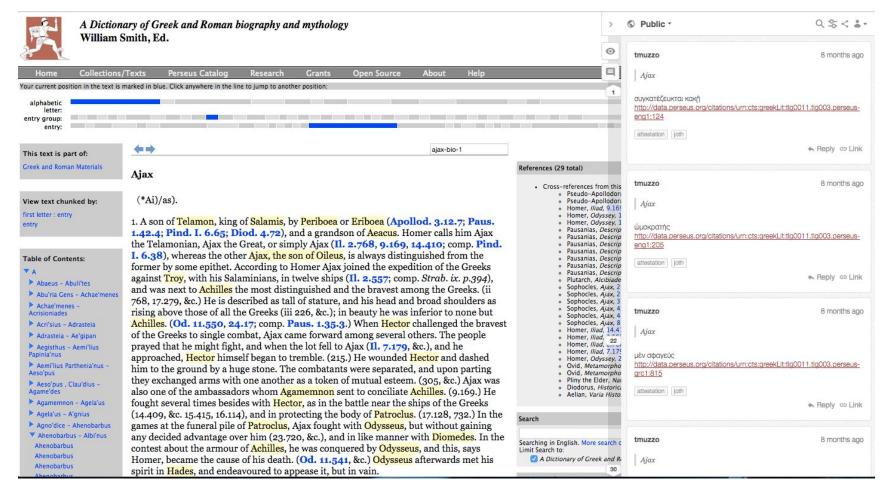
"All Actions Are Snowballs"
After reading "Saga" by Brian K.
Vaughan and Fiona Staples, I realized
the basis of the first six chapters is
the relationship between Marko and
Alana. I think not all scenes in the
book involve the two main characters
because the author wanted to show
how their relationship affects the other
characters. The relationship then
starts a very long saga. This saga
then continues on, gets more and



or get to a final destination. Movies

like Harry Potter and the Deathly







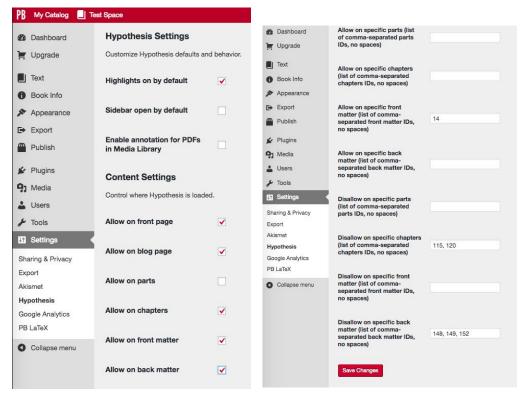


Hypothesis + Pressbooks

Hypothesis is available as a plugin within Pressbooks.

It can be quickly configured to allow Hypothesis to be used in all or part of the book. [right]

Using the plugin means that all visitors to the site will be able to use Hypothesis within Pressbooks without having to install a browser extension.



Sample Pressbook + Hypothesis Activated

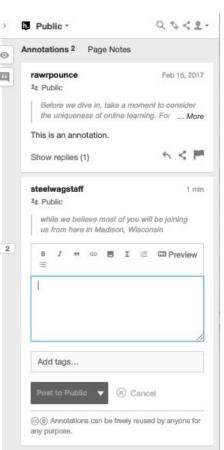
Online Discussions

1. Online Discussions Introduction

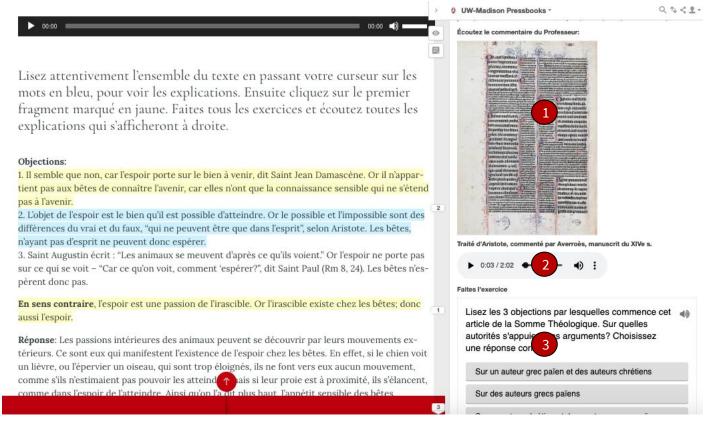
Thank you for participating in this session of L&S Learning Support Services' online workshop series, "Teaching With Technology." In the following short opening, you'll meet one of your facilitators, Theresa Pesavento, and get acquainted with the outline of the upcoming module on the exciting topic of online discussions.

Before we dive in, take a moment to consider the uniqueness of online learning. For instance, while we believe most of you will be joining us from here in Madison, Wisconsin, we also know that you may be participating from places near and far, using the power hope that by providing a brief look at our 'place' in and around Annotate Highlight e are offering a useful context for our culture and geography. And we hope to hear from you as we move through the course-about the topic at hand, of course, and also a little bit about your own place on campus or on your side of the world.





Close Reading with Pressbooks + Hypothesis



At left: Annotations in the 'publisher' layer of a close reading activity made in Pressbooks and used in a French literature course. The image is of Averroes' 12th c. commentaries on Aristotle.

The public can view/use this layer, but only invited experts can write to it. This activity includes:

- 1. Image
- 2. Audio commentary
- 3. Interactive quiz [H5P]

5. Annotation Activity

Follow one of these annotatable links:

We built a basic 'poetry anthology' in Pressbooks for use in today's webinar:

- https://university.pressbooks.pub/annotation/blackhawkheld
- https://university.pressbooks.pub/annotation/chapter/psalm/
- https://university.pressbooks.pub/annotation/chapter/a-travellers-song/
- https://university.pressbooks.pub/annotation/chapter/fragments-of-sappho/

If you'd prefer to create your annotations in a private group, we've created one for this activity here:

https://hypothes.is/groups/nmoZZZ3y/oeweek-annotation-demo

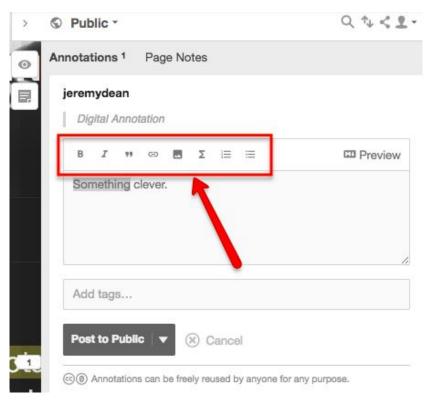
Create an annotation

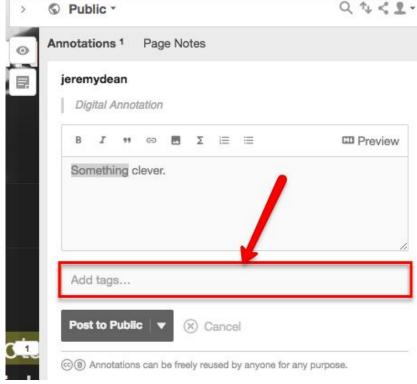
political import due to fear or ignorance of technology. But the unparalleled level of material support that Digital Humanities has received suggests that its most significant contribution to academic politics may lie in its (perhaps unintentional) facilitation of the neoliberal takeover of the university.

Neoliberal policies and institutions value academic w Annotate Highlight ces findings immediately usable by industry and that produces graduates trained for the current requirements of the commercial workplace. In pursuit of

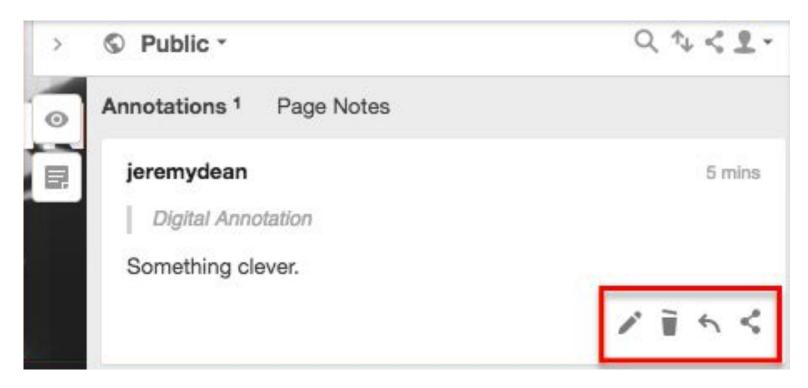
Select text and click "Annotate"

Add links, images, & rich text [L] and tags [R]





Edit or delete your annotation



Reply to an annotation

jeremydean May 3 Hirsch's argument was foundational for the Common Core educational program favored by the political right. Interesting, but I'd like to see a citation here. Also, not sure it's fair to say that the Common Core was/is favored by the Right. Digital Humanities | LARB Hide replies (1) gandalf511 May 3 Yeah, last I checked the political right was squarely opposed to the Common Core.

Share an annotation



Continue the Conversation