Delivering a Better Experience by Using the Open, Collaborative and Flexible Grav CMS – Inside or Outside of your LMS

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♣ Topics to Explore Today ♣

- 1. What is Grav?
- 2. Grav Open Course Hub Project
- 3. Other Open-related Grav Projects
- 4. Next Steps



What is Grav?







BUILD FASTER WEBSITES



GRAV IS A MODERN OPEN SOURCE FLAT-FILE CMS



STABLE VERSION 1.4.3 NEW! UPDATED 3 WEEKS AGO · CHANGELOG



WHY CHOOSE GRAV?

Voted "Best Open Source CMS" in 2016





Voted "Best Flat File CMS" in 2017



Fast



Extensible



Open Source

Performance is not just an afterthought, we baked it in from the start

Grav has a powerful API and sophisticated Package Manager to make it super flexible [GitPitch @ github/hibbitts-design/gitpitch]

Grav is Open Source, and all the code is available on GitHub.com

Grav Highlights

- File-based
 - Fast performance (esp. smaller sites), simplicity, portability and generally more secure
 - File-based content also naturally supports version control
 - Grav can also be a front-end for any collaborative Git repository
- Markdown
 - A platform-independent format perfect for writing and the 5Rs



Grav Highlights

- Modular
 - Modular content is possible, along with custom content types
- Workflow
 - Supports an efficient edit and publish workflow (esp. Git-based)
- Customization
 - Powerful Blueprints supports Admin Panel customizations



Grav's Layered Conceptual Design





Open Course Hub Project



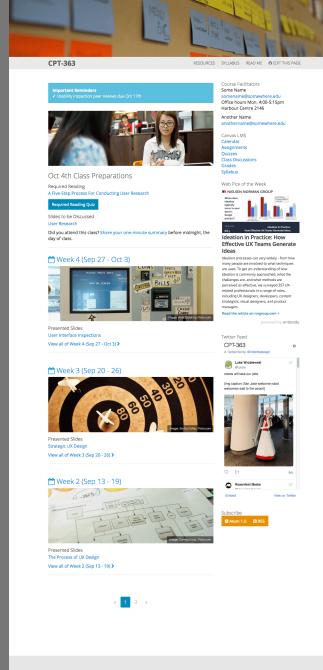
Grav Open Course Hub

Built using Grav, Open Course Hub with Git Sync is designed to give tech-savvy educators an open, collaborative and flexible platform that they can partner with their current LMS



Grav Open Course Hub

- Streamlined setup and configuration (incl. Git Sync)
- Supports open and collaborative content (via Git repository)
- Theme files synced to Git repository for collaborative authoring/assistance
- Example course hubs (incl. basic, intermediate. and advanced)
- Includes custom content type pages and Shortcodes (i.e. Embed.ly Web page preview cards, H5P and Swipe)
- Fully customizable Sidebar using Markdown or HTML



Important Reminders

✓ Usability inspection peer reviews due Oct 17th



Oct 4th Class Preparations

Required Reading

A Five-Step Process For Conducting User Research

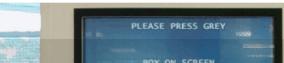
Required Reading Quiz

Slides to be Discussed

User Research

Did you attend this class? Share your one-minute summary before midnight, the day of class.

Week 4 (Sep 27 - Oct 3)





Course Facilitators

Some Name

somename@somewhere.edu

Office hours Mon. 4:00-5:15pm Harbour Centre 2146

Another Name anothername@somewhere.edu

Canvas LMS
Calendar
Assignments
Quizzes
Class Discussions
Grades
Syllabus

Web Pick of the Week

NN NIELSEN NORMAN GROUP



Ideation in Practice: How Effective UX Teams Generate Ideas

Ideation processes can vary widely - from how many people are involved to what techniques are used. To get an understanding of how ideation is commonly approached, what the challenges are, and what methods are

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Presented Slides

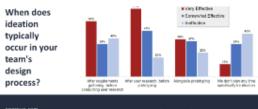
User Interface Inspections

View all of Week 4 (Sep 27 - Oct 3) >

Week 3 (Sep 20 - 26)

Web Pick of the Week

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NN/g How Effective UX Teams Generate Ideas

Ideation in Practice: How Effective UX Teams Generate Ideas

Ideation processes can vary widely - from how many people are involved to what techniques are used. To get an understanding of how ideation is commonly approached, what the challenges are, and what methods are perceived as effective, we surveyed 257 UX-related professionals in a range of roles, including UX designers, developers, content strategists, visual designers, and product managers.

Read the article on nngroup.com >

powered by embedly

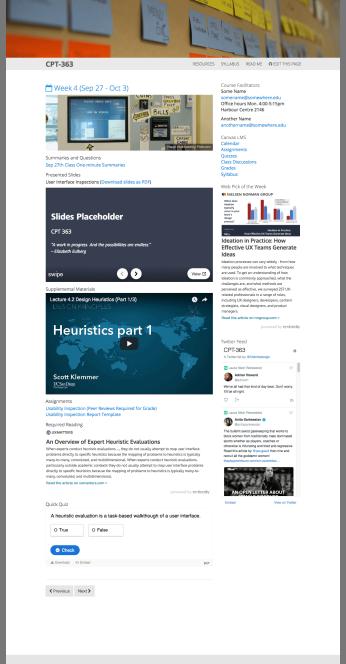
Twitter Feed

CPT-363

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A Twitter list by @hibbittsdesign

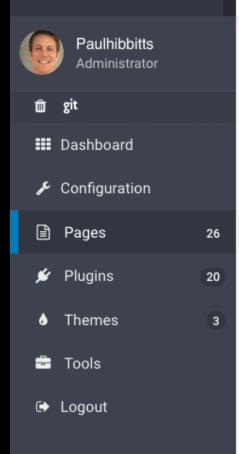


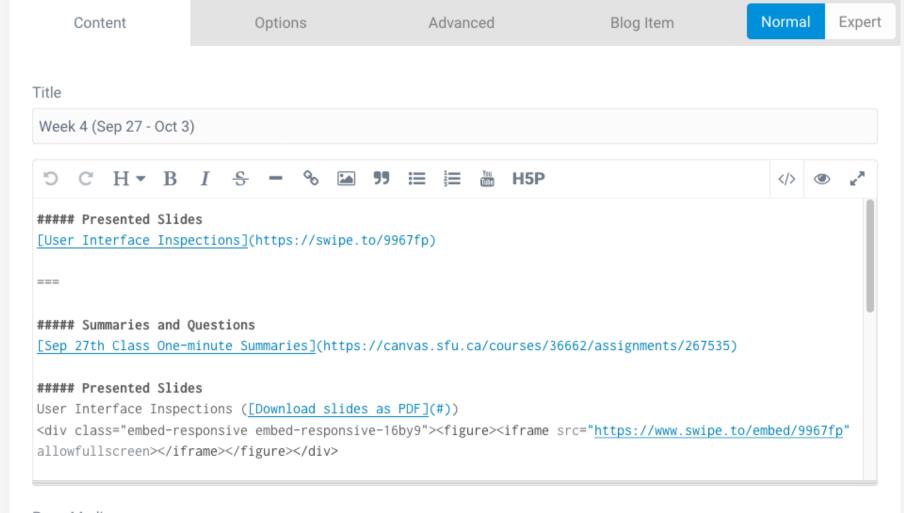










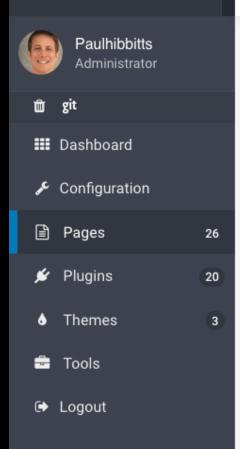


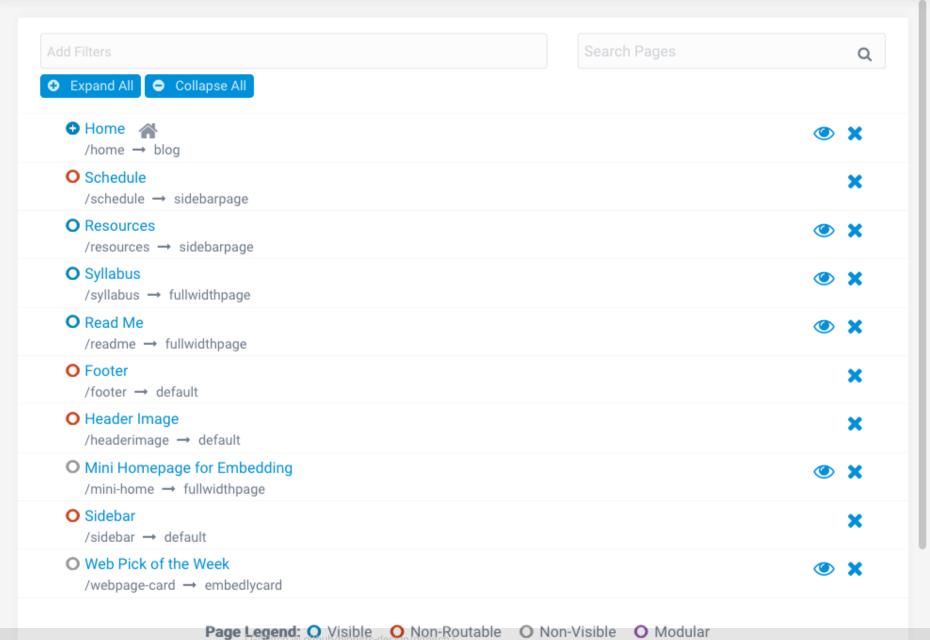


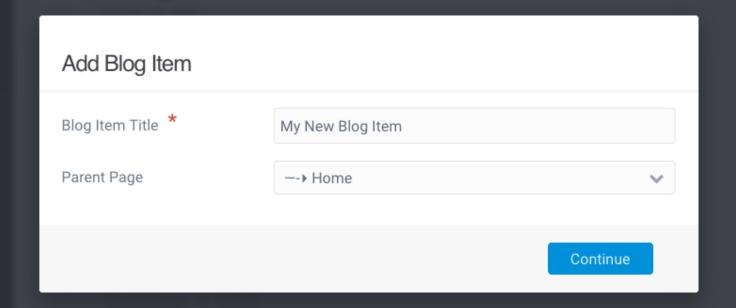








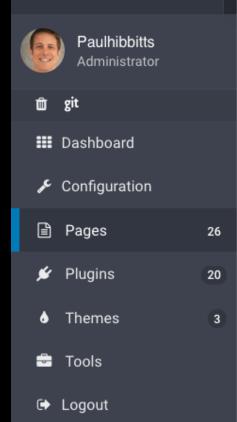


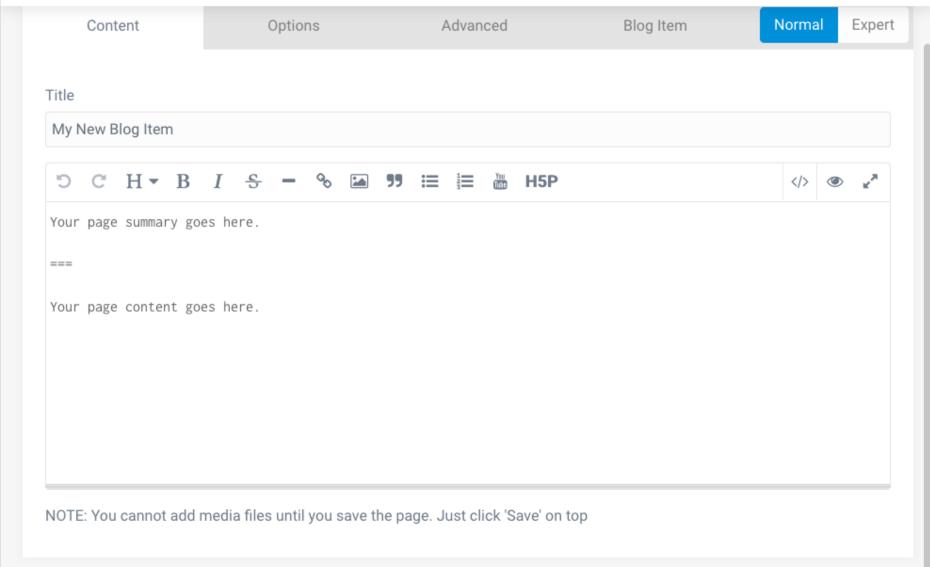












Grav v1.4.3 - Admin v1.7.4 - was made with ♥ by Trilby Media.



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RESOURCES SYLLABUS READ ME O EDIT THIS PAGE

Resources

Reflective Writing Guides

- A short guide to reflective writing Online Guide to Reflective Writing
- Reflective Toolbox

UX Platform Guideline Collections

- Android User Interface Design Guidelines
- Google Material Design Guidelines
- iOS Human Interface Design Guidelines (iPhone and iPad) KDE Human Interface Design Guidelines
- OS X Human Interface Design Guidelines

Windows App Design Guidelines (Touch)

UX Templates

- Contextual Interview Form
- One Page User Research Plan
- Templates & Downloadable Documents | Usability.gov
- The PM Toolkit
- UX Project Checklist

UX Design Checklists

- A Checklist for Designing Mobile Input Fields
- Mobile UX Checklist (PDF, by Mobify)
- One-Page Touch Interaction Design Checklist (PDF)
- Usability checklist (Userium)
- UX Project Checklist

UX Technique Collections

- Methods | Usability.gov
- Methods | Usability Body of Knowledge
- Usability Planner
- UX Techniques (by UX Mastery)

UX Article Collections

- The UX Bookmark
- User Experience Magazine (UXPA) UI/UX Articles (Medium)

UX eBooks

- 50 UX Best Practices by Above the Fold (email address required)
- Bright Ideas for User Experience Designers
- The Fable of the User-Centered Designer

UX Design MOOCs & Courses

- Human-Computer Interaction | Coursera
- The Design of Everyday Things | Udacity
- Rapid Wireframing: Finding the Right Product Design

UX Podcast Collections

- Design Critique: Products for People
- Podcasts UIE Brain Sparks
- Boagworld Podcast User Experience Podcast

UX Video Collections

- Google Developers Channel
- Interaction Design Association Vimeo Channels
- Paul's YouTube Playlists
- Paul's Vimeo Channel

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Ideas









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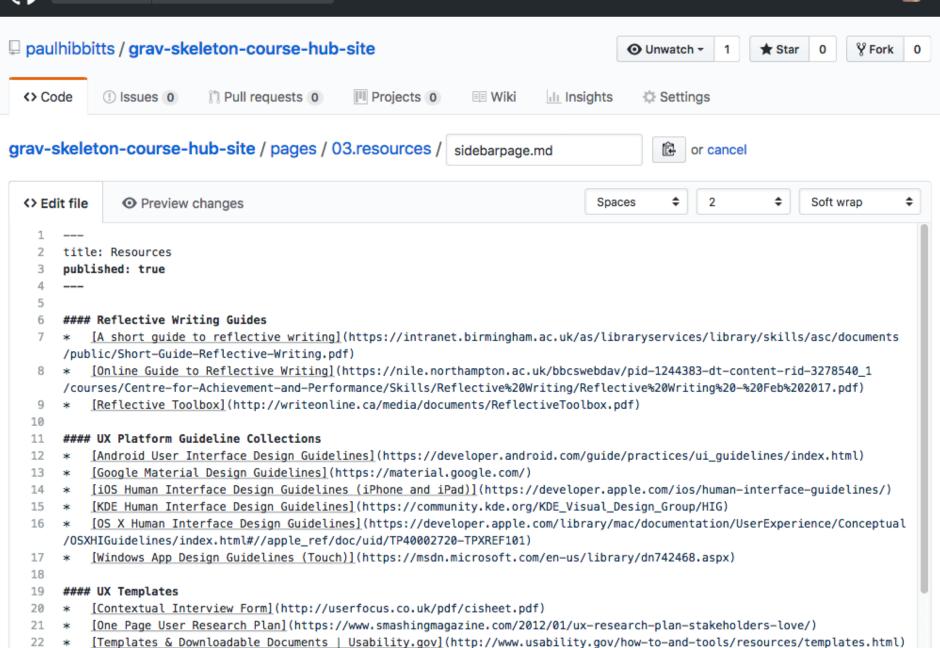
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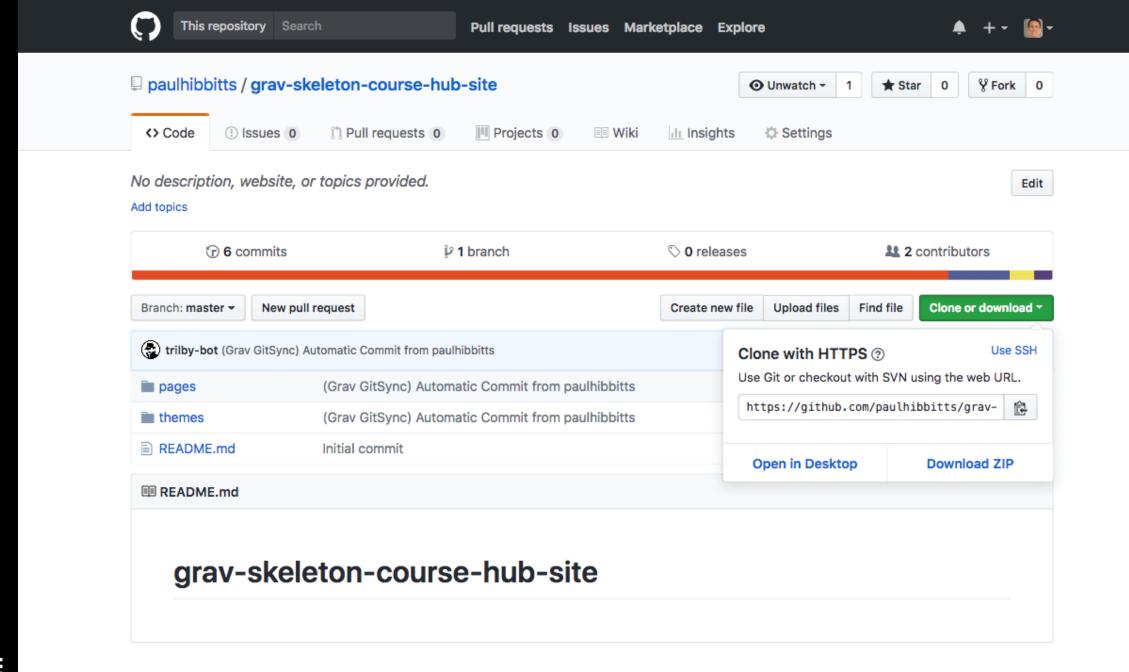


[cxpartners | Resources] (http://www.cxpartners.co.uk/ux-resources/)

[The PM Toolkit](http://thepmtoolkit.com/PitPitch@github/hibbitts-design/gitpitch]



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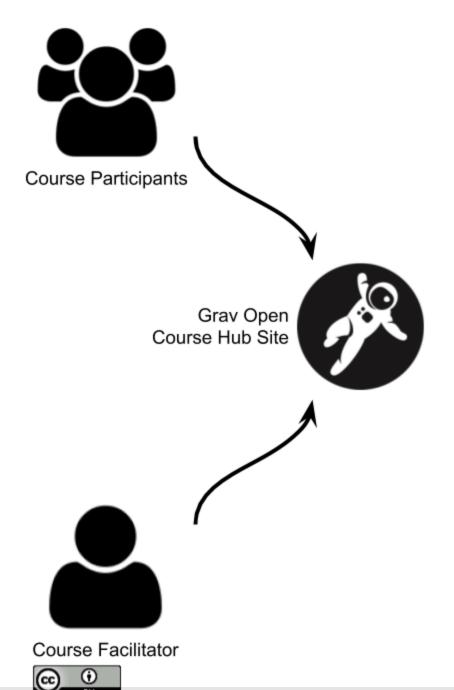
What Skills are Required?

- Intended for "Tech-savvy" educators:
 - Code editor usage (e.g. Atom or Brackets)
 - Markdown or HTML basics
 - Understanding folder hierarchies (i.e. relative links)
 - Web server access
 - GitHub working knowledge (recommended)

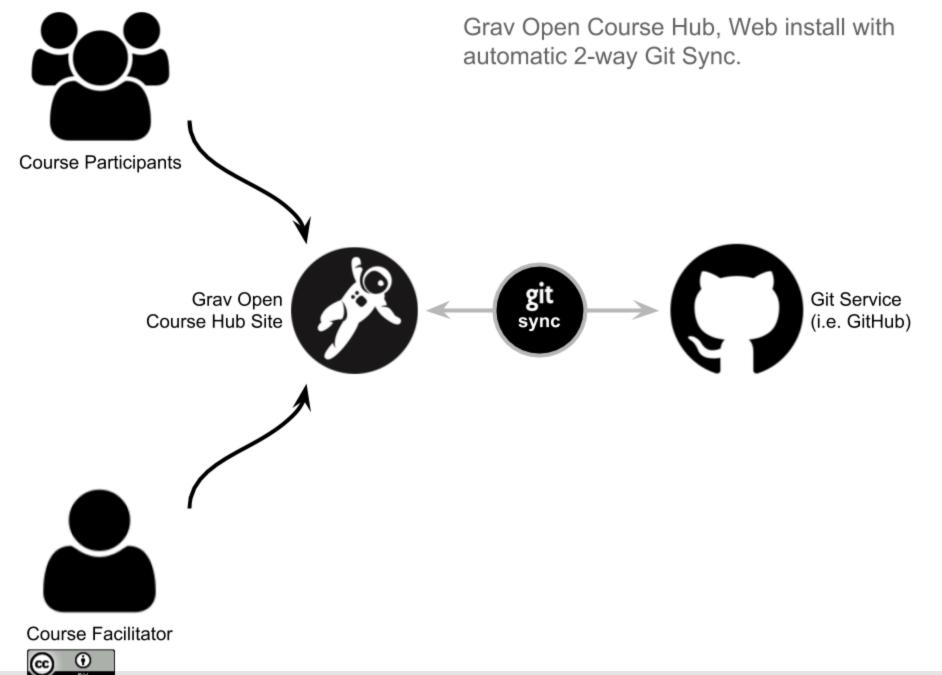
Grav Open Course Hub is Intended for Tech-savvy Educators who Value:

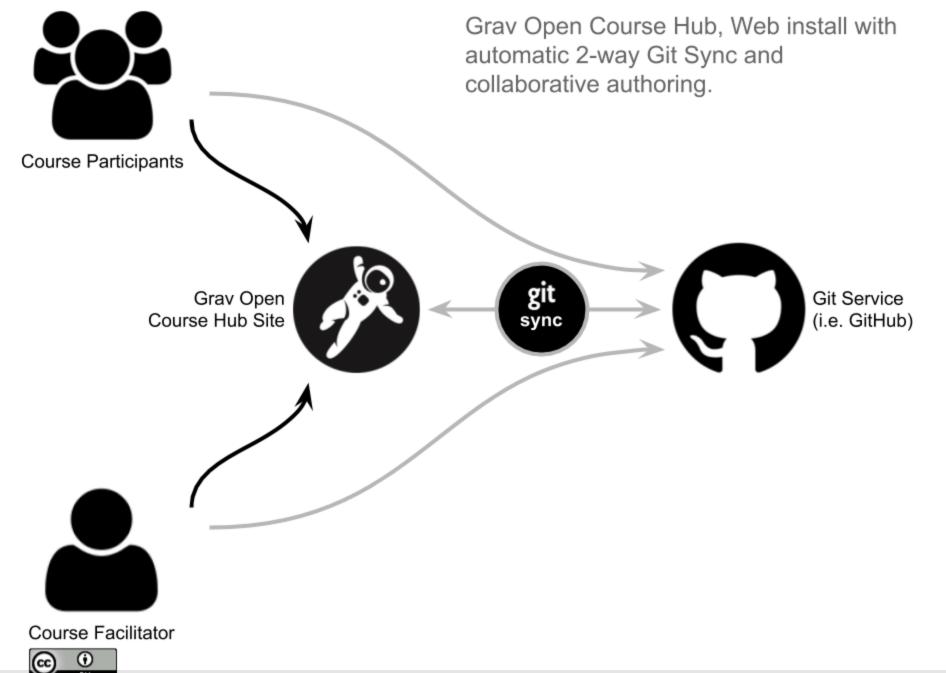
- Controllability
- Flexibility
- Portability
- Efficiency
- Openness
- Participation

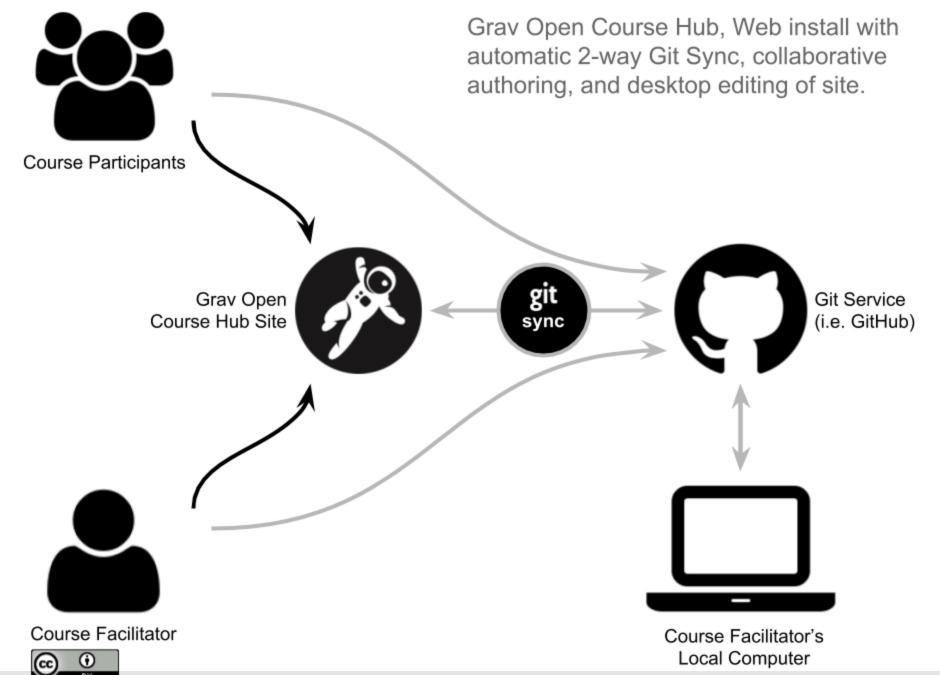




Grav Open Course Hub, Web install.







Problems the Course Hub Tackles



What are Users Saying?



"The Open Course Hub was easy to set up and get running and my students loved having a one-stop place to go to for their course content. I really love that it syncs with GitHub so easily and seamlessly. I was able to have an open, collaborative, easily updatable, fully version-controlled site up and running in little time, with fairly modest technical skills. On the student side, it is all beautiful and easy to use on any device!" — Mark Coster (Associate Professor at Griffith University, Australia)

Enough Talk, Demo Time!

demo.hibbittsdesign.org/cmpt-363-173/



How about *Inside* of an LMS?

canvas.sfu.ca/courses/38847



What are Students Saying?



"The 363 Canvas course website does an excellent job of presenting only the current week's relevant assignments and readings on the Home page. This makes using the site a breeze because no time is required to actually navigate the site – all the important stuff is there in one click!" — SFU CMPT-363 Student, Using Canvas LMS partnered with Open Course Hub

How About Other Open-related Grav Projects?



More Open-related Grav Projects

- Open Publishing Space
 - Share and collaboratively edit Markdown-based OER
- Learn2 with Git Sync
 - Share and collaboratively edit Markdown-based documentation
- H5P Shortcode
 - Display H5P.org and locally store H5P content
- Hypothesis Plugin
 - Display the Hypothesis sidebar on your Grav site

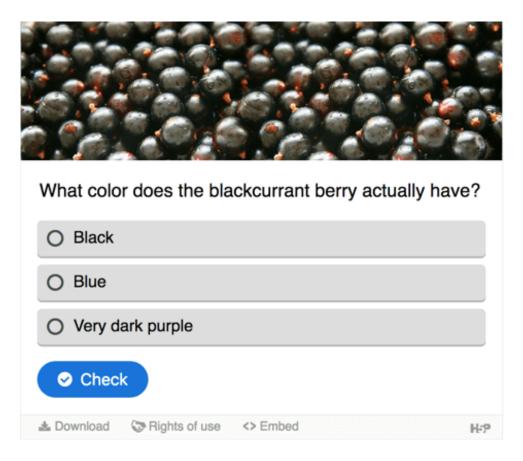


Open Publishing Space

Learn2 with Git Sync

H5P Shortcode

```
[h5p id="712"]
[h5p url="https://h5p.org/h5p/embed/712"]
```



Hypothesis Plugin

Next Steps



Things to Explore Next

Grav CMS Official Site getgrav.org

Markdown

Learn the basics of Markdown in ten minutes

GitHub Workflow Introduction - Git and GitHub for Poets GitHub Desktop App



A Pop Quiz A

Which of these "tech-savvy" skills are the biggest challenge?

- Text editor usage (e.g. Atom or Brackets)
- Markdown or HTML basics
- Understanding folder hierarchies (i.e. relative links)
- Web server access
- GitHub or GitLab working knowledge
- GitHub Desktop App (not needed if using Atom)
- ...or something else that you've seen today?





Contact Info

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Grav Open Course Hub

Docs: learn.hibbittsdesign.org/coursehub

Canvas Demo:

demo.hibbittsdesign.org/canvascoursehub

Moodle Demo:

demo.hibbittsdesign.org/moodlecoursehub