



# ISLANDORA CLAW: OVERVIEW, TECH TALK, AND ASPIRATIONS

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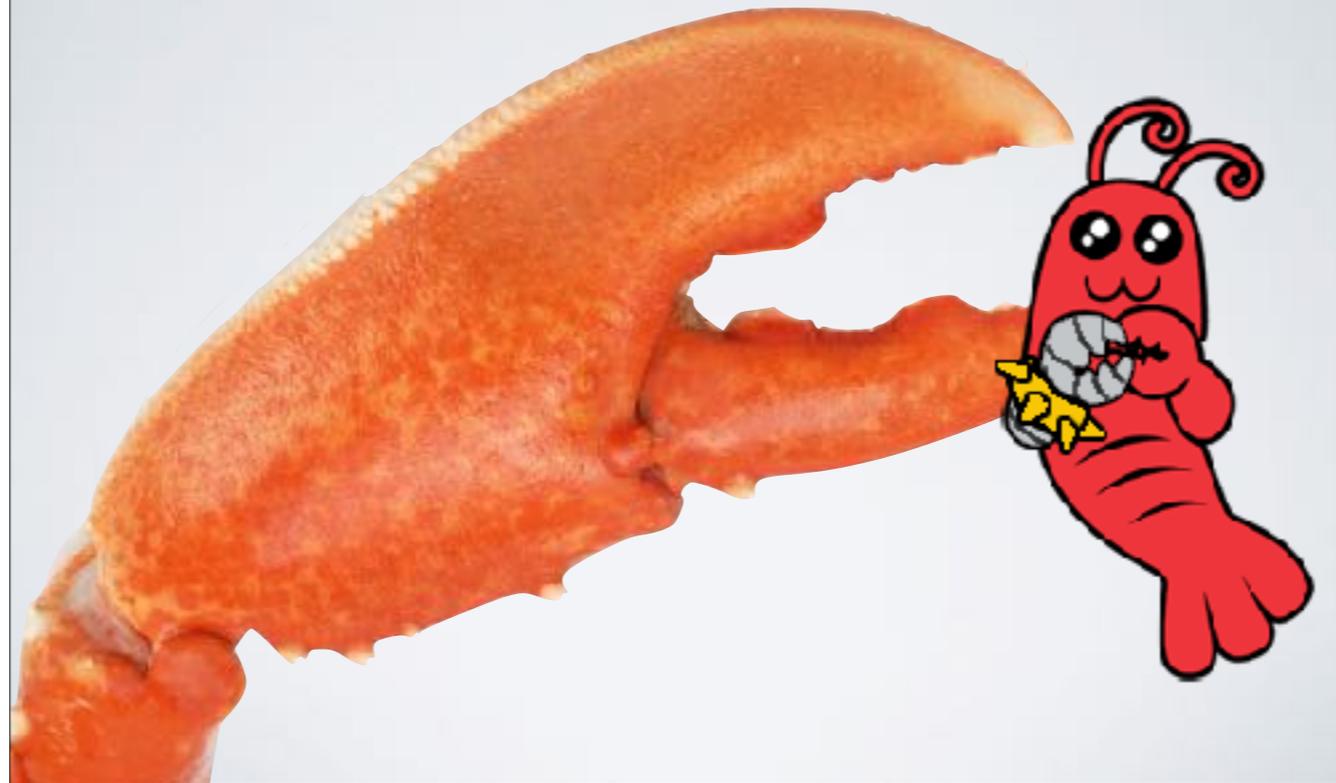
- Here on behalf of Islandora foundation
- Work for LYRISIS
- Got involved in Islandora around 2010

# WHAT IS islandora ?

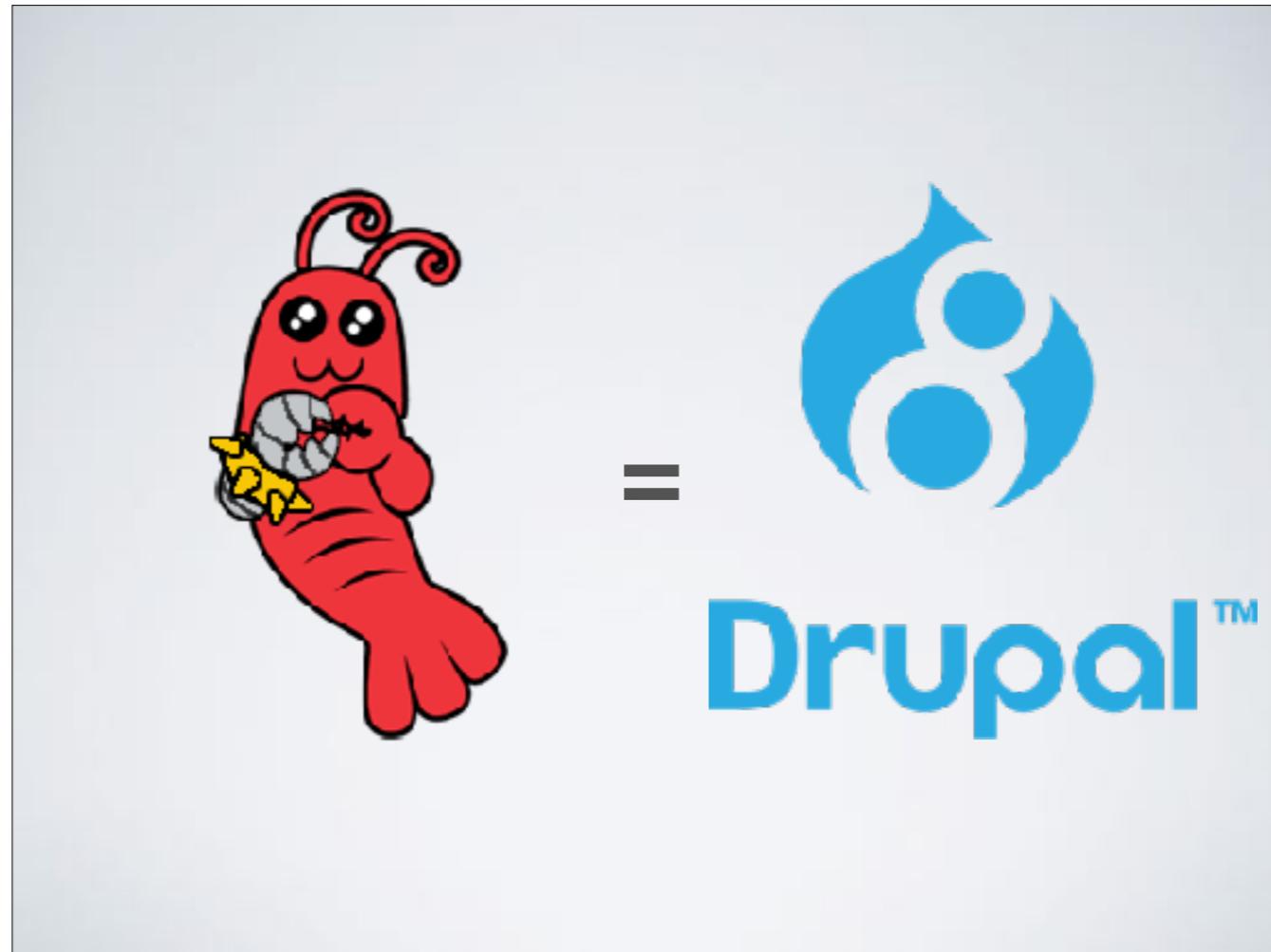


- A little bit of background on Islandora
- Many folks in the room won't need this
- It's based on Drupal and Fedora
- Started at UPEI Robertson Library
- First release was Drupal 5
- Now has a vibrant open source community
- Over 200 installs all over the world

# WHAT'S THIS **CLAW** THING?



- CLAW is the next generation version of Islandora
- CLAW is a recursive acronym for CLAW Linked Asset Webframework
- It's been our working name for the next version of Islandora, eventually CLAW will just be Islandora
- Using the newest version of Drupal (D8)
- Linked Data support
- Using the newest version of Fedora 5
- Community driven design process
- Scalability -address the pain points of Islandora 7
- Linked data is a first class citizen



- the big thing I'd like everyone to take away from this presentation is that CLAW is Drupal.
- Islandora has always been Drupal we have 100% bought into Drupal this time and that allows some very exciting flexibility in displaying and presenting your data
- All of this while storing data safely in fedora and asynchronously and scalable generating our derivatives



**Drupal™**

- **1.7 Billion** Websites [1]

- **2.3%** of the web [2]

- **39 Million** using Drupal

[1] <https://news.netcraft.com/archives/2018/04/26/april-2018-web-server-survey.html>

[2] <https://websitesetup.org/popular-cms/>

- list total websites
- 2.3 might not seem like a lot but it's a huge number
- Drupalcon is huge (3000) in comparison to Islandora
- We can build from that community and use it as a lever
- Reuse tools and techniques with data already in repository

“Computing is pop culture. [...] Pop culture holds a disdain for history. Pop culture is all about identifying and feeling like you’re participating. It has nothing to do with cooperation, the past or the future—it’s living in the present. I think the same is true of most people who write code for money. They have no idea where [their culture came from].”

– Alan Kay, in interview with Dr. Dobb’s Journal (2012)

This is a quote I really like that starts off the book: *Designing Data Intensive Applications* (fantastic book). I think it really speaks to the troubles we have in the repository community with cooperation and not invented here syndrome. We’ve always tried to avoid this in Islandora. And with CLAW buying into Drupal I think we are really taking this to the next level.

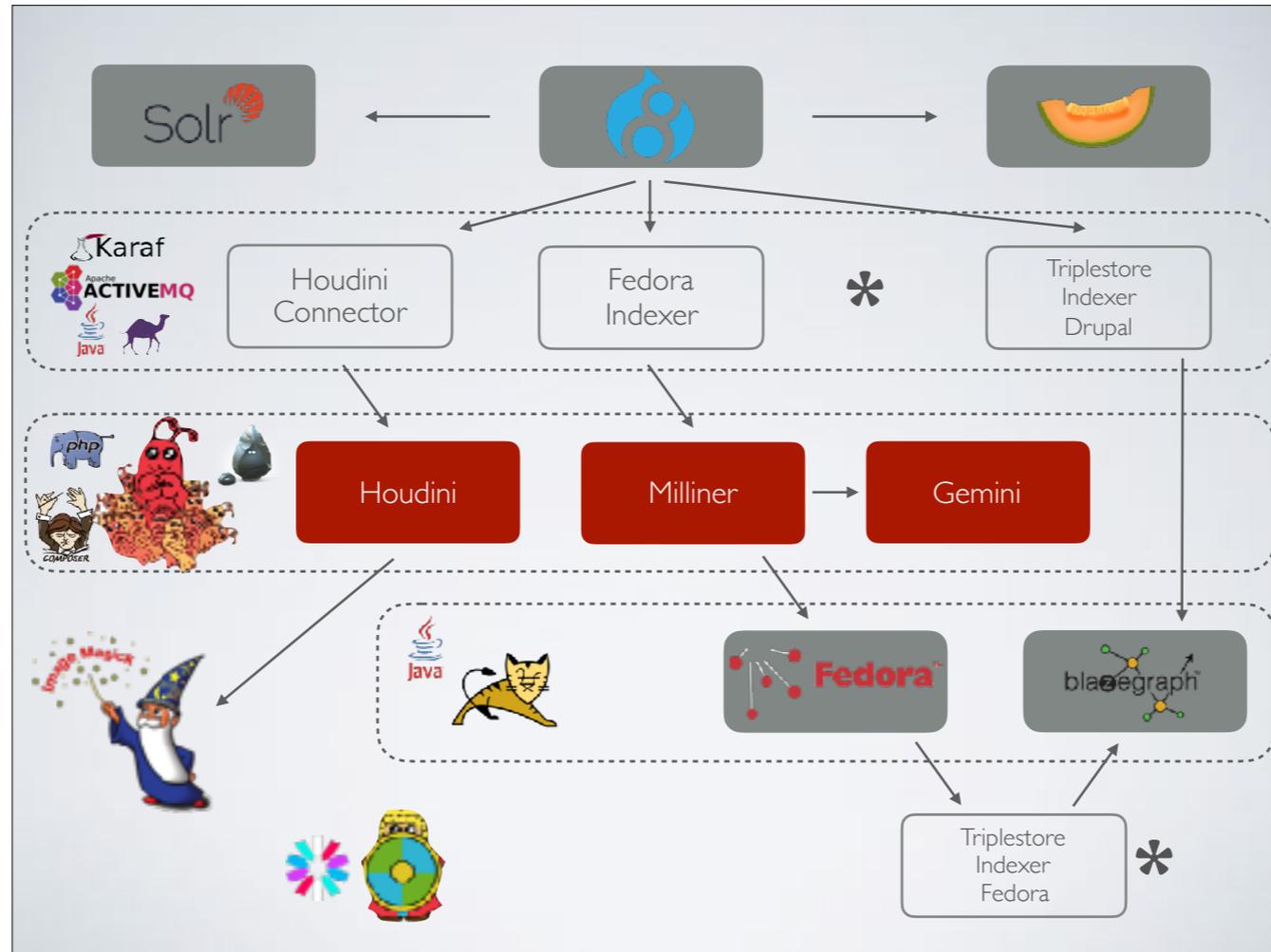
Alan Kay is an American computer scientist. Senior fellow at HP labs and professor at MIT. He is best known for his pioneering work on object-oriented programming and windowing graphical user interface design.



Lets crack open the shell on CLAW a bit and see whats inside. Much like Islandora 7.x it can seem a little intimidating, but its only because we are using the best software available for each task, and tying them together. I don't think most people will need to peel back the shell on all of these pieces, but its good to know whats in there.

# STANDING ON THE SHOULDERS OF **GIANTS**





DEV-OPS OR WOW I CAN  
**INSTALL IT!**



ANSIBLE

+



VAGRANT

[https://github.com/Islandora-Devops/  
claw-playbook](https://github.com/Islandora-Devops/claw-playbook)



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Recording Title	Overview
James Montgomery T.: [Tape One]	This interview is with James "Jim" Cousins Montgomery of Charlottetown, P.E.I. In this interview James talks about his work as a traveling salesman selling candy and an agent for the MacDonald Tobacco Company. He also talks about general stores, Christmas, college, can, mill, entertainment, Charlottetown, and Lucy Maud Montgomery.
Interviewee(s)	
Montgomery, James Cousins [Jim]	
Playing Time	
0:00:39	
1997-04-07	

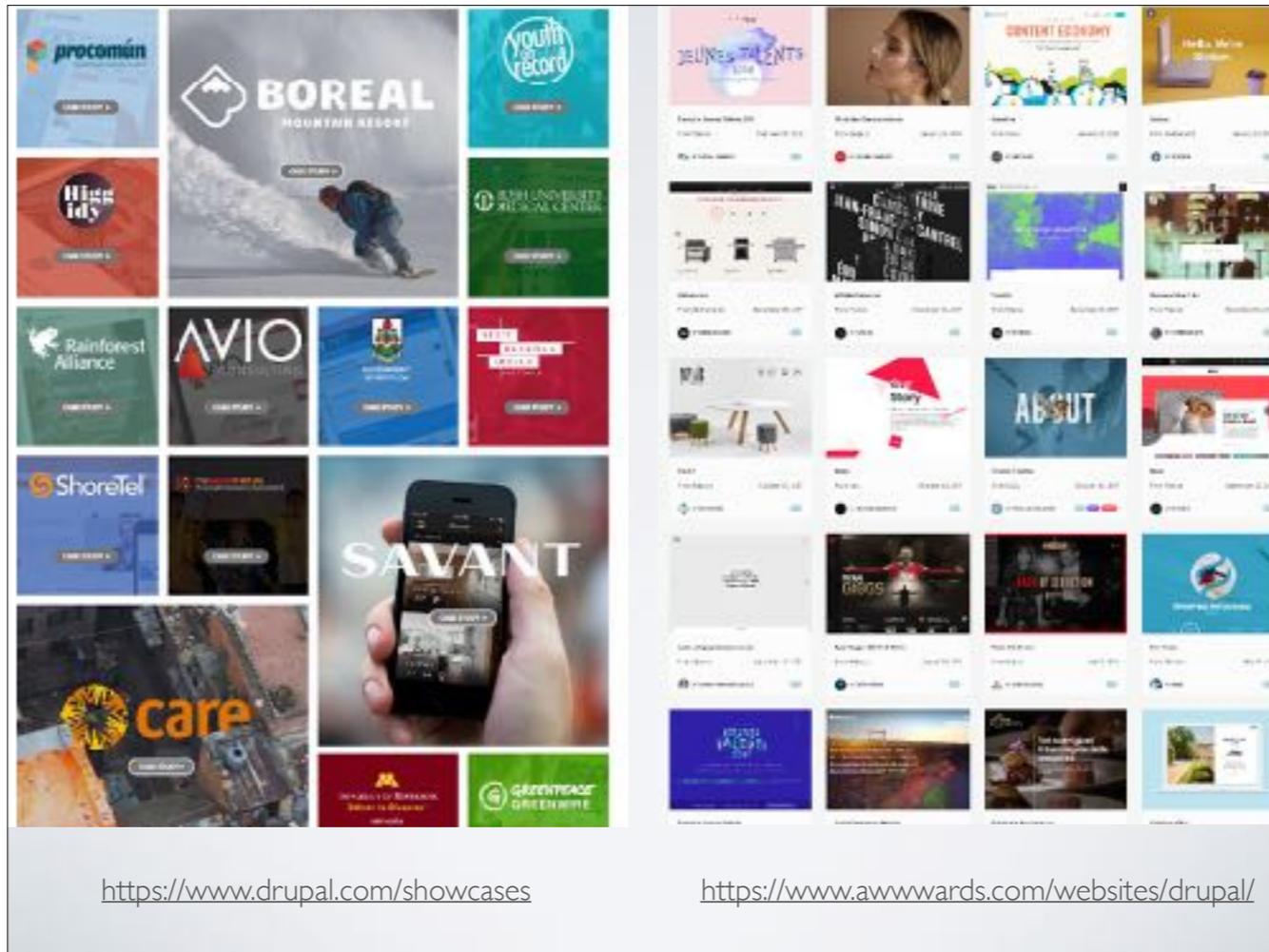
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UPEI UNIVERSITY OF Prince Edward ISLAND ROBERTSON LIBRARY

inukshuk

Project Funding from Inukshuk Wireless Learning Plan  
Book and whiteboard images courtesy Public Archives & Records Office of Prince Edward Island  
Soundfiles are part of the IslandArchives Collection.

- I want to talk a little bit about my own experience with Islandora
- Started at DGI working on Islandora
- Electrical engineering background
- Wasn't sure what to think of the software
- Exploring UPEI collections I found punched in my grandfathers name
- Found an oral history from a man that worked for my great grandfather Sydney
- I was so excited to listen, I spent the next couple hours enthralled listening to oral histories and learning about my own family
- it was a very powerful experience for me
- That was my zen realization moment
- This is what we do, provide that amazing powerful experience to others by putting content out there so it's not buried in the archives and so it can be found and enjoyed and shared by end users



- might be a bit hard to see these but I wanted to show the beautiful, interactive and accessible sites you can make using Drupal
- This is what excites me about CLAW so much
- Encourage you to download this presentation and take a look at the sites
- Shows what modules are used to create the sites
- Always got the question can I use this Drupal module with my site and now the answer is yes!



It means sharing thing in contextualized exhibits

Sharing stories with users

In ways that allow the user to find the unexpected gems that they are looking for and allow them to interact with them in a way they expect to interact with modern web content, mobile friendly, beautiful

This can also allow users to interact with the content in meaningful ways, tagging content, doing transcriptions and filling in gaps

# WHEN?!



- Open beta this summer
- More **testers** and **use cases** and **pilots** always welcome
- Follow [@islandora](#) for announcements

Now that I have you very excited about CLAW

When will it be available

Open beta this summer

Always looking for more community participation

Pilot projects in the fall

# PILOTS

- Current CLAW Pilot Sites
  - UPEI Herbarium
  - UTSC Dragoman Renaissance Research Platform
- Sites exploring CLAW Pilots
  - LYRISIS
  - University of Texas at Austin
  - University of Nevada, Las Vegas
  - Amherst College
  - Johns Hopkins University





# GET **INVOLVED!**

- Weekly **CLAW Calls** - Wednesday 1pm Eastern
  - <https://github.com/Islandora-CLAW/CLAW/wiki>
- Use cases on **Github**
  - <https://github.com/Islandora-CLAW/CLAW/issues>
- CLAW **Playbook**
  - <https://github.com/Islandora-Devops/claw-playbook>
- **Test beta** and provide us **feedback**

# THANKS!

For announcements and updates follow:

 [@islandora](https://twitter.com/islandora)  
 [Islandora-CLAW](https://github.com/Islandora-CLAW)

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