

TheBigPicture@jncc.gov.uk

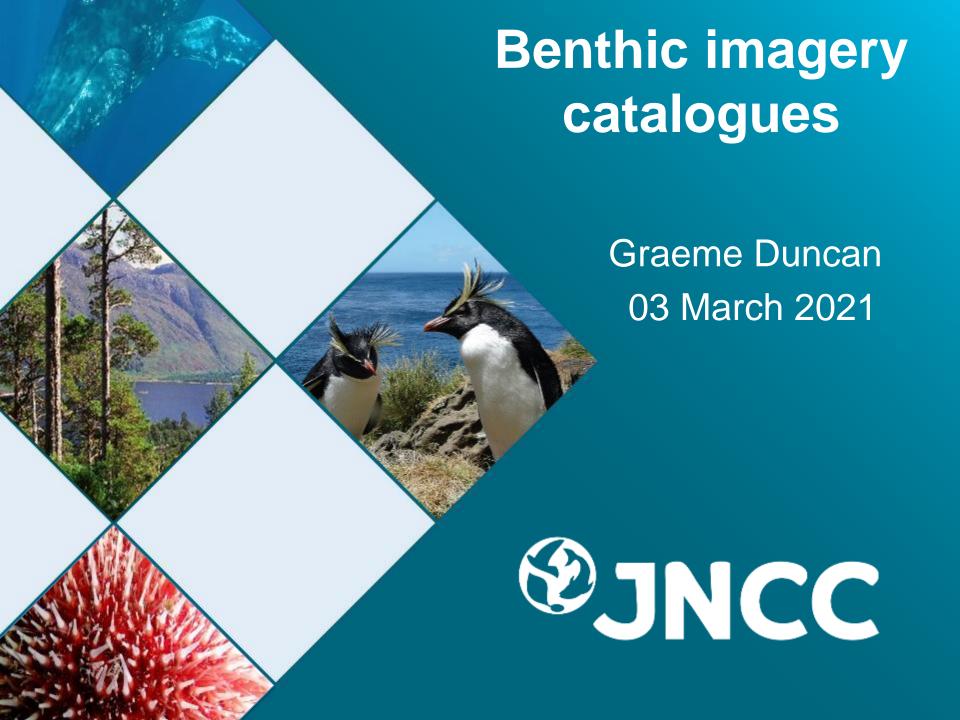


Image catalogues

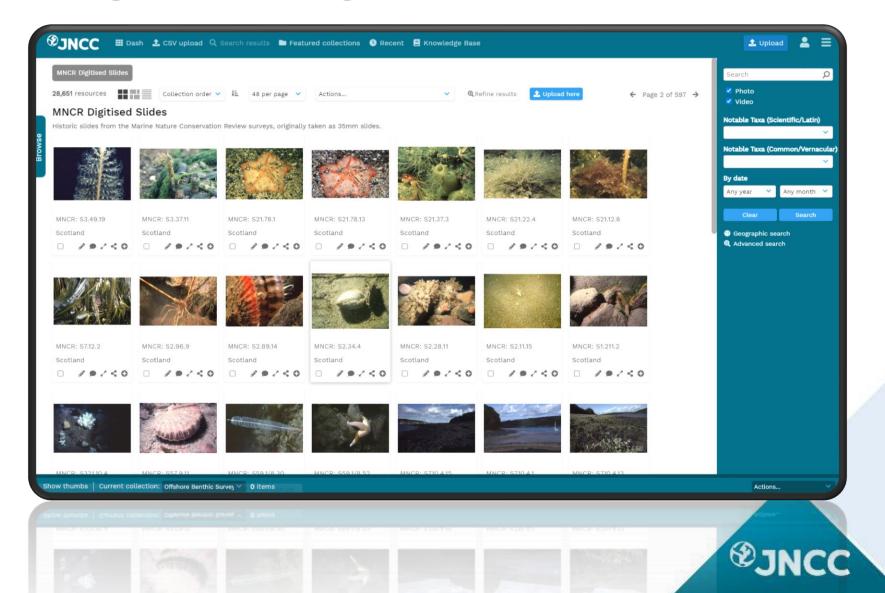
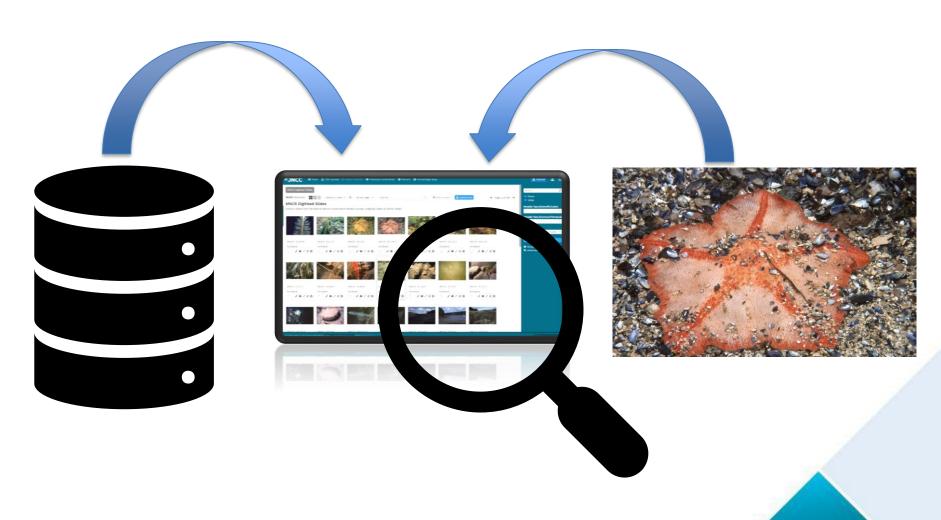


Image catalogues





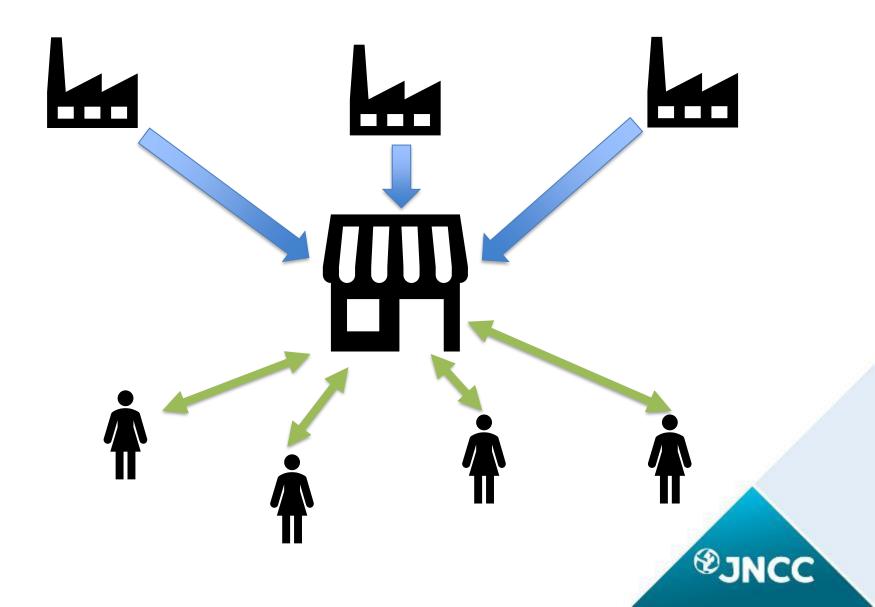
How do we structure this?

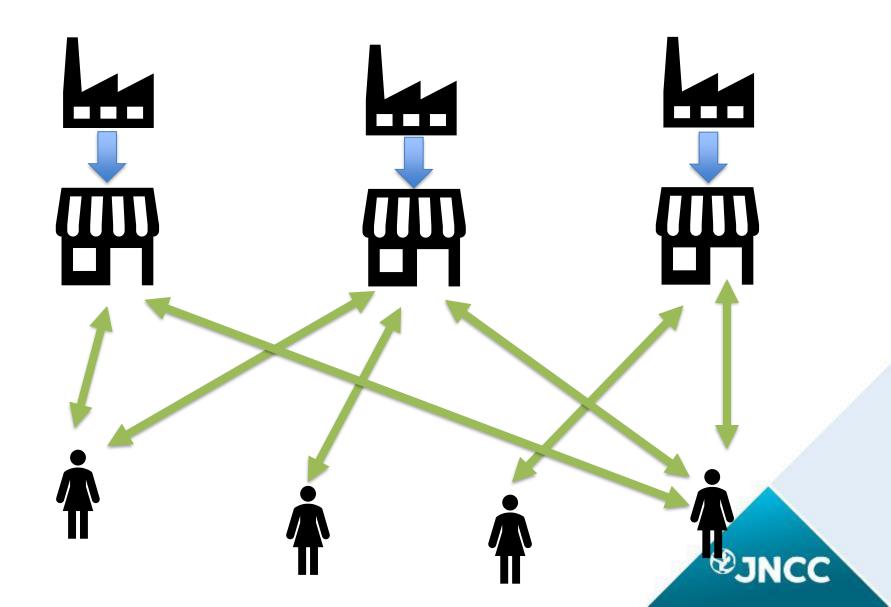


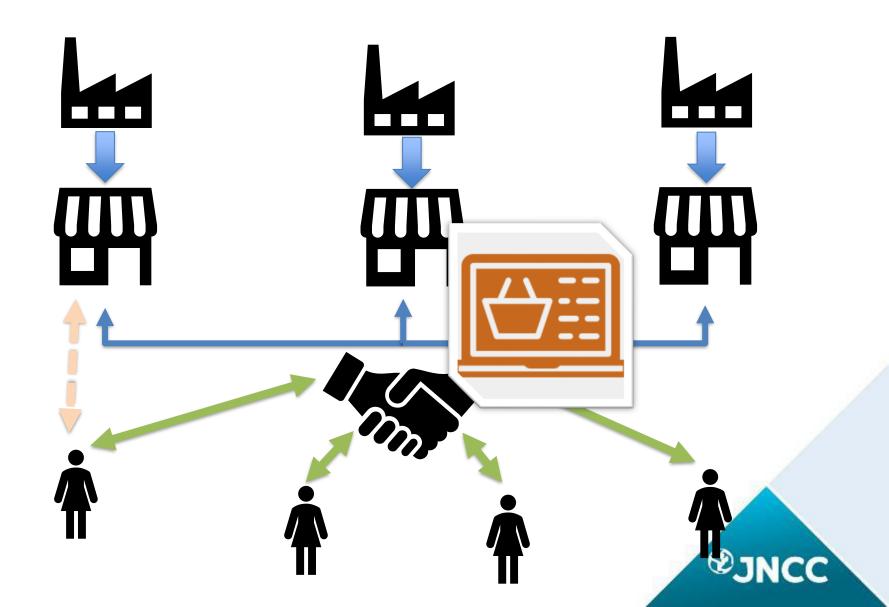














- Simpler management
- Simpler setup
- Easier to quality control
- Takes control from the providers
- Less flexible
- Catalogues already exist
 - Duplicate or shutdown?
- Scale vertically
- Can move processing TO the data

THOUGHTS?



- More complex
- Everything needs to talk
- Harder to control from the top
- More control from the providers
- More flexible
- Scale horizontally?



Annotations



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4.2.5

Text Position Selector

Annotations

2. Web Annotation Principles **EXAMPLE 15: Motivation and Purpose** 3.1 3.2 3.2.1 "@context": "http://www.w3.org/ns/anno.jsonld", 3.2.2 "id": "http://example.org/anno15", 3.2.3 "type": "Annotation", 3.2.4 "motivation": "bookmarking", 3.2.5 "body": [3.2.6 3.2.7 3.3 "type": "TextualBody", 3.3.1 "value": "readme", 3.3.2 "purpose": "tagging" 3.3.3 }, 3.3.4 3.3.5 3.3.6 "type": "TextualBody", 3.3.7 "value": "A good description of the topic that bears further investigation", "purpose": "describing" 4. 4.1 4.2 "target": "http://example.com/page1" 4.2.1 4.2.2 4.2.3 4.2.4

W3C

ne ⊑ngiisn version or this specification is the only normative version. Non-normative translations may also be

Annotations

Again, bridges the gap between "data" and "images"

Should they be part of an image, or "their own thing" (i.e. data) that simply references an image?



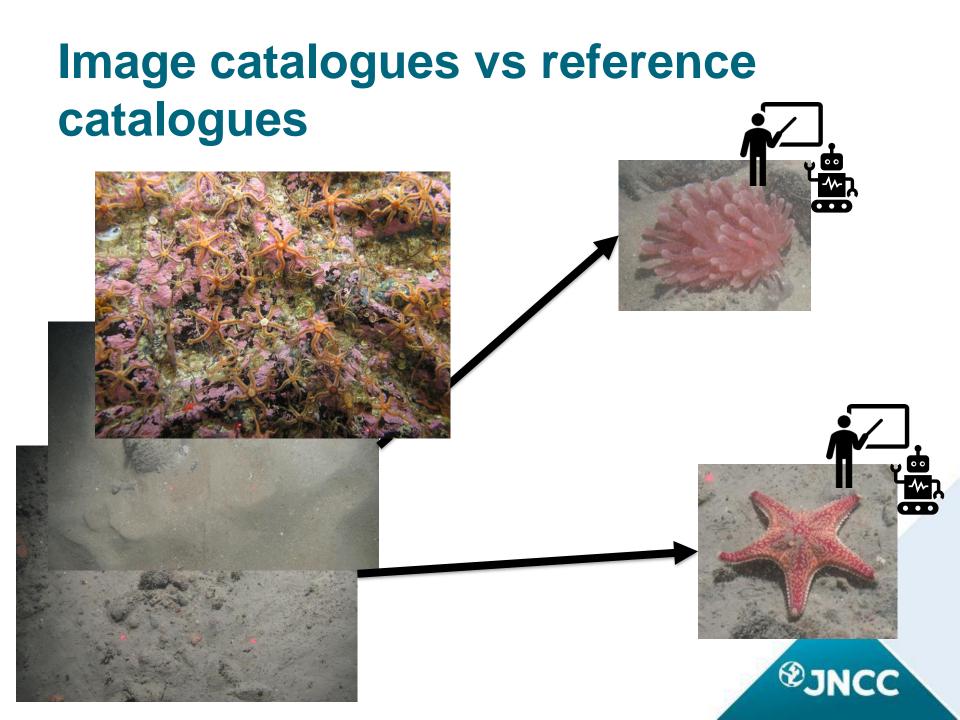
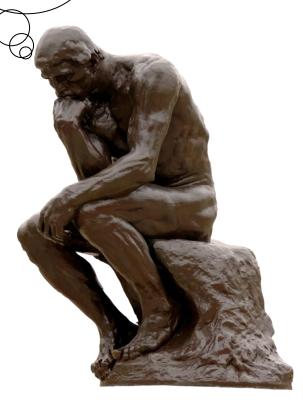
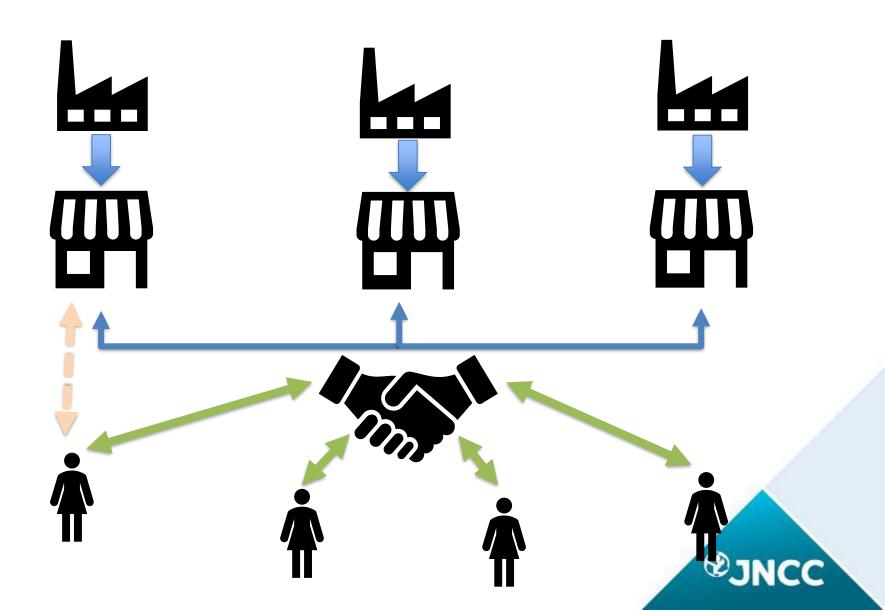


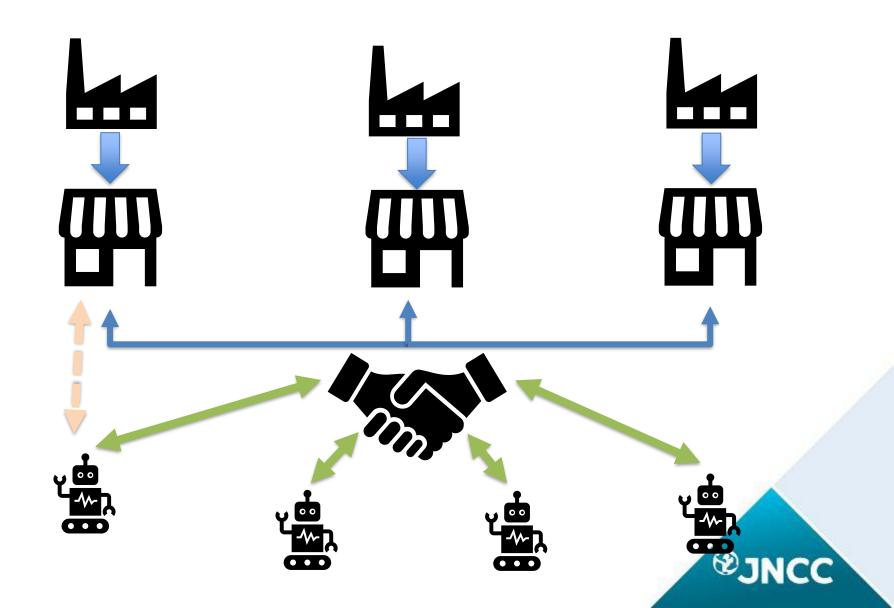
Image catalogues vs reference catalogues

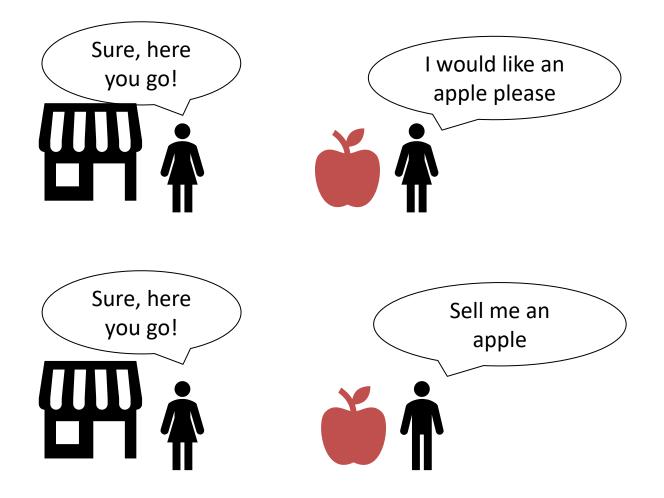
Are reference catalogues simply reference annotations?





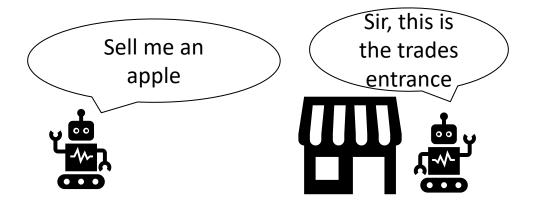




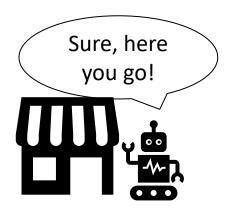


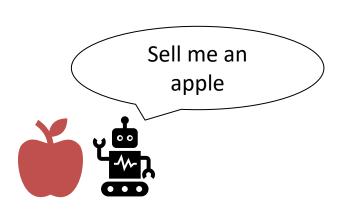


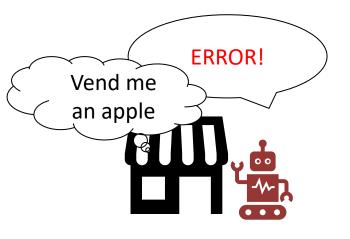
Computers can be incredibly good at specific tasks...
....But they're also very naive

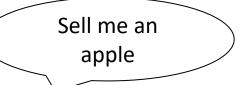








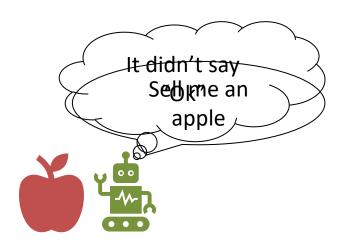




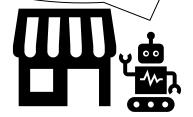








Ok, thanks for asking. But I don't have one, here's the reason why.



Sell me an apple





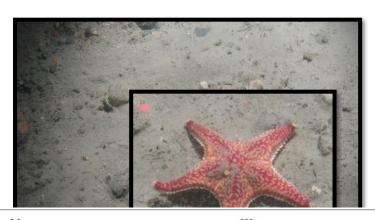
- The solution needs to hold the computer's hand as much as possible to guide it to asking for the correct information, and understanding the information it gets
- Interoperability
 - "Knowing how to interact"
- Standards
 - "Knowing what you'll get"



Interoperability

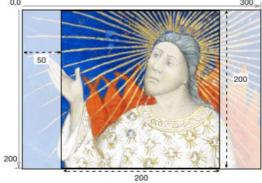


International Image





1 region=full https://example.org/image-service/1234/full/max/0/default.jpg



2 region=square
hhttps://example.org/image-service/1234/square/max/0/default.jpg



3 region=125,15,120,140 https://example.org/image-service/1234/125,15,120,140/max/0/default.jpg



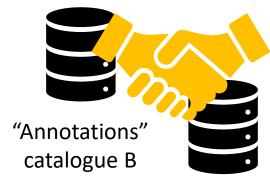
4 region=pct:41.6,7.5,40,70 https://example.org/image-service/1234/pct:41.6,7.5,40,70/max/0/default.jpg

So how does it all connect?





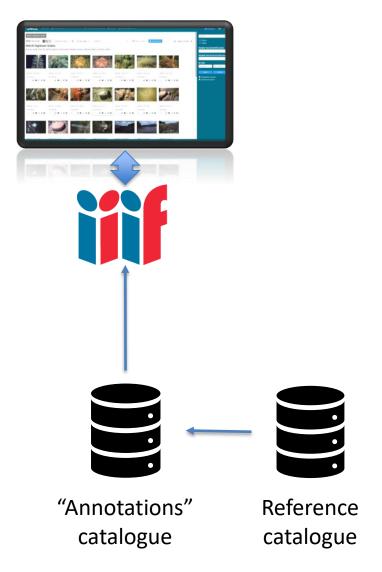
Reference catalogue B



"Annotations" catalogue A



So (how) does it all connect?



Pilot study?



Moving forward

- Determine each item's "niche" in the ecosystem
- Fill in the missing gaps in the network
- Adapt or develop standards for our own purposes
 - Imagery metadata
 - Annotation



- Work towards a pilot framework or ecosystem for image catalogues
 - Images
 - Annotations
 - Reference collections
 -Data?
- Keeping machine learning as a key "customer" and test case

