

Structure and data access

rst_v4_Color

O_relief

The screenshot displays the GeoServer web interface. At the top left is the GeoServer logo. Below it is a navigation menu with 'About & Status' and a '6' indicator. The main content area is titled 'Layers' and contains two buttons: 'Add a new resource' (with a green plus icon) and 'Remove selected resources' (with a red minus icon). To the right of the main content, there is a vertical list of resources, each represented by a small square icon followed by the text 'EPSG:4326'. The interface is overlaid on a background that shows a map of a relief map.

GeoServer

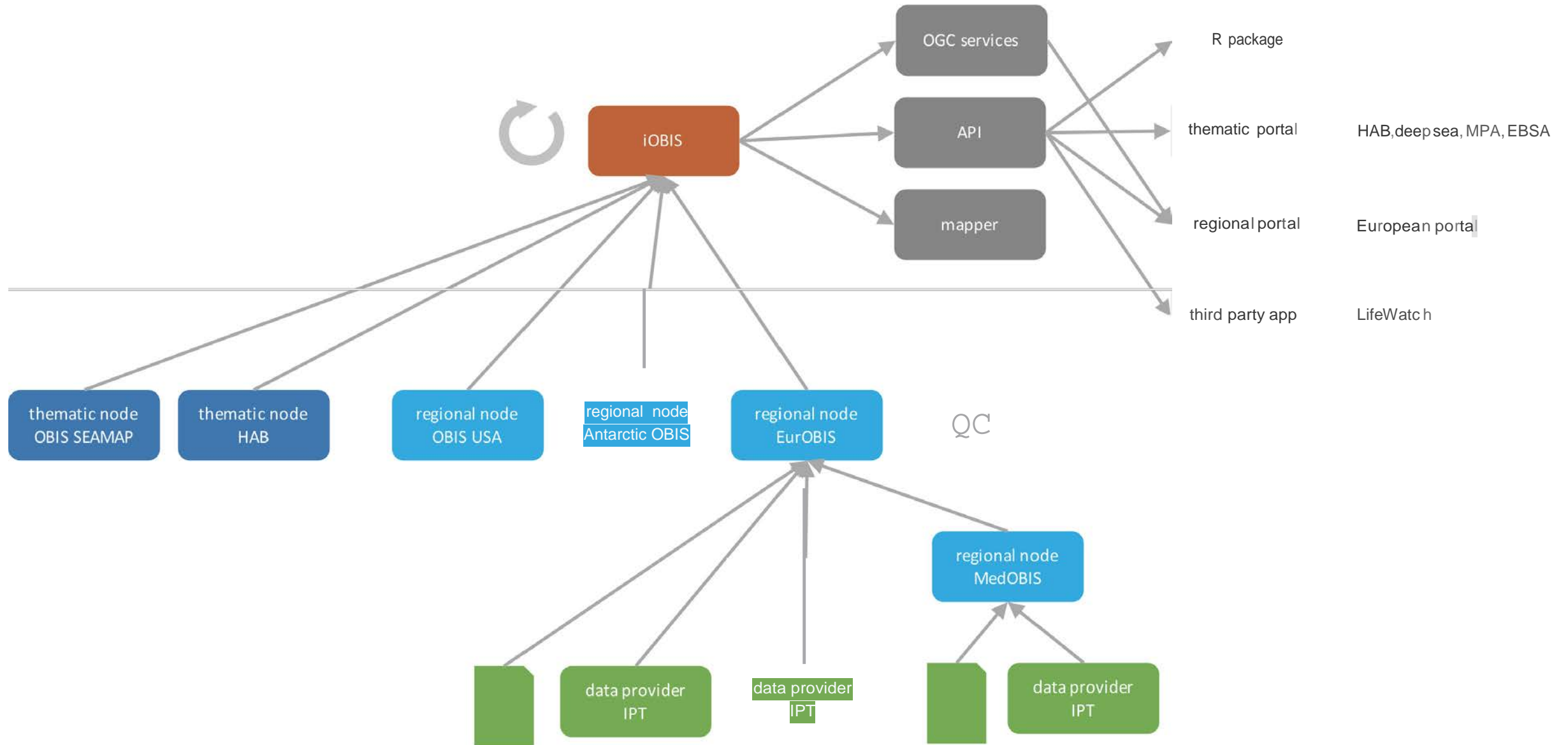
About & Status
6

Layers

+ Add a new resource
- Remove selected resources

EPSG:4326
EPSG:4326
EPSG:4326
EPSG:4326
EPSG:4326
EPSG:4326
EPSG:4326
EPSG:4326

Structure and data access



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The screenshot shows the GitHub interface for the repository 'iobis / robis'. At the top, it indicates 'This repository' with a search bar and navigation links for 'Pull requests', 'Issues', and 'Gist'. The repository name 'iobis / robis' is prominently displayed, along with '0 Unwatch', '3 Stars', and '1 Fork'. Below this, there are navigation tabs for '<>Code', '<D Issues 3', 'Pull requests 0', 'wiki', '+ Pulse', 'Graphs', and 'Settings'. The main heading is 'R client for the OBIS API - Edit'. A progress bar shows '46 commits', '1 branch', '0 releases', and '3 contributors'. The current branch is 'master', and the commit hash is 'ef42b1'. A commit message 'Samuel occurrences: add missing requested fields' is shown, dated '2 months ago'. A list of files is displayed with their commit dates: 'occurrences: add missing requested fields' (2 months ago), 'man' (2 months ago), 'tests' (2 months ago), '.Rbuildignore' (3 months ago), '.gitignore' (4 months ago), '.travis.yml' (3 months ago), 'DESCRIPTION' (2 months ago), 'NAMESPACE' (2 months ago), 'README.md' (3 months ago), and 'robis.Rproj' (3 months ago). At the bottom, the repository name 'robis' is shown again, along with the version '1.16.1' and the description 'R client for the OBIS API'.

Structure and data access

The screenshot displays the OBIS website homepage. At the top, the 'OBIS' logo is on the left, and a navigation menu with links for 'ABOUT', 'DATA', 'MAPPER', 'COMMUNITY', 'LIBRARY', 'CONTACT', and 'FR EN' is on the right. Below the navigation is a large hero banner featuring a photograph of colorful sea anemones and a butterflyfish. The banner contains the text: 'OBIS builds a global alliance that collaborates with scientific communities to facilitate free and open access to biogeographic data'. The main content area is divided into two columns. The left column includes an 'About OBIS' section with a paragraph describing the database's purpose and a 'Read more' link, followed by a 'News' section with three articles: '4th OBIS Steering Group report published', 'Oceans Past Initiative joins OBIS', and 'New data loaded'. The right column is titled 'Explore OBIS' and contains five search and filter sections: 'Taxon search' with a text input field, 'Dataset search' with a text input field, 'EEZ statistics' with a dropdown menu, 'ABNJ statistics' with a dropdown menu, 'EBSA statistics' with a dropdown menu, and 'Protected area statistics' with a dropdown menu.

OBIS ABOUT DATA MAPPER COMMUNITY LIBRARY CONTACT FR EN

OBIS builds a global alliance that collaborates with scientific communities to facilitate free and open access to biogeographic data

About OBIS

OBIS allows users to search marine species datasets from all of the world's oceans. With our evolving OBIS database repository, users can identify biodiversity hotspots and large-scale ecological patterns, analyze dispersions of species over time and space, and plot species' locations with temperature, salinity, and depth.

[Read more](#)

News

4th OBIS Steering Group report published

July 13, 2015 Ward Appeltans

The fourth session of the OBIS Steering Group took place on 10-12 February 2015 at the IOC project office for IODE in Oostende, Belgium.

Oceans Past Initiative joins OBIS

July 02, 2015 Ward Appeltans

The Oceans Past Initiative (OPI) is a global research network for marine historical research. Their goal is to enhance knowledge and understanding of how the diversity, distribution and abundance of marine life in the world's oceans has changed over the long term to better indicate future changes and possibilities, and to contribute to the sustainable use of marine systems.

New data loaded

April 17, 2015 Ward Appeltans

On 17 April January 2015 new data was loaded on the international OBIS portal, the total number of records stands now at just over 43 million, from 1,801 individual data sets.

Explore OBIS

Taxon search

Dataset search

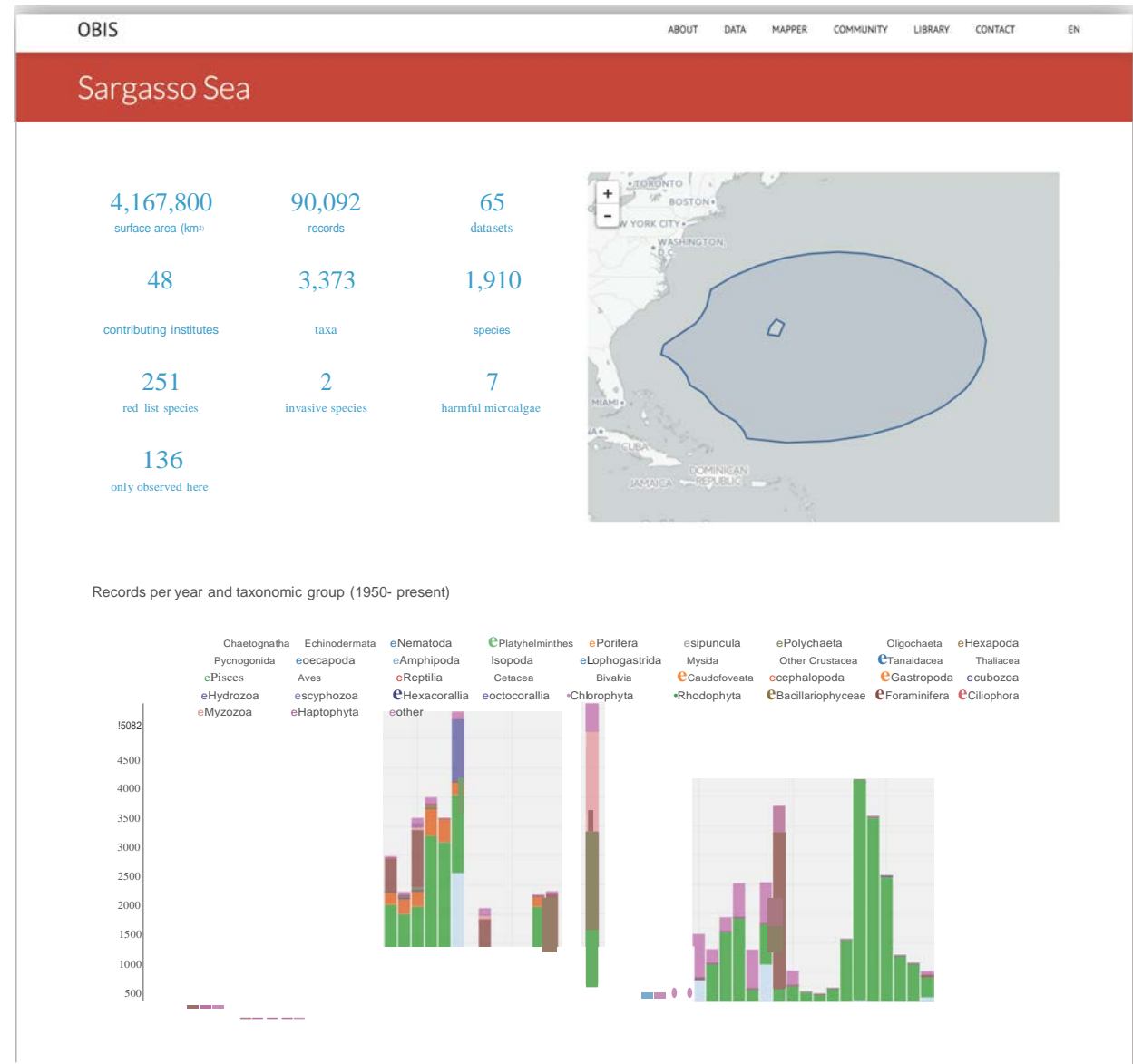
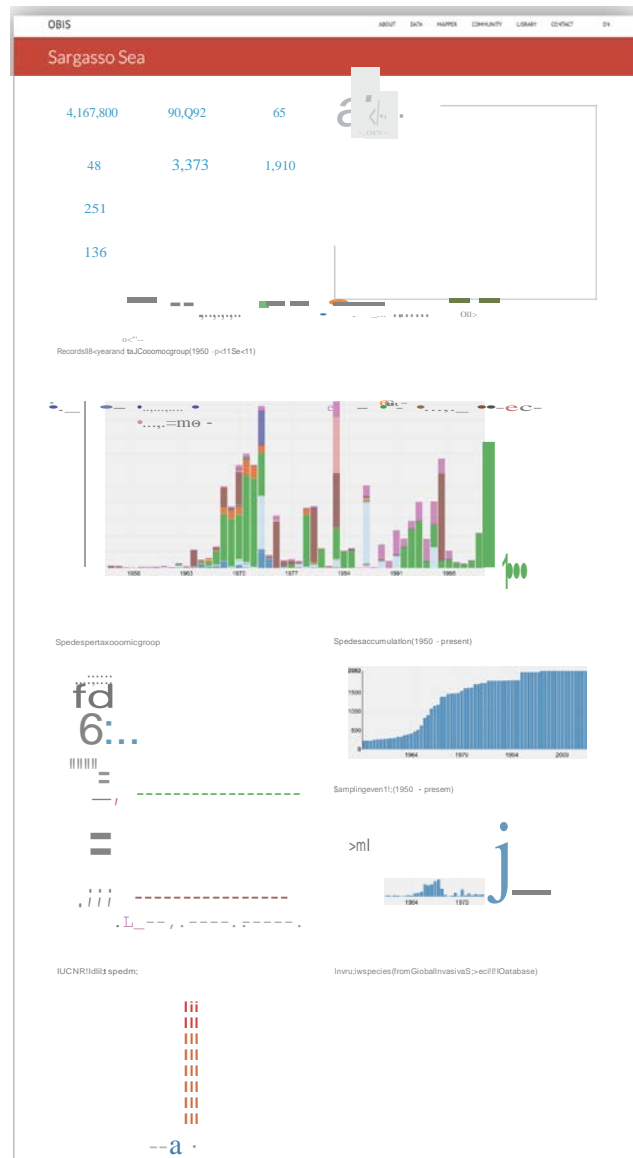
EEZ statistics

ABNJ statistics

EBSA statistics

Protected area statistics

Structure and data access



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1956

1963

1970

1977

1984

1991

1998

2005

2012

Structure and data access

Pterois volitans (Linnaeus, 1758)

Distribution

Occurrences

Distribution

Grid-5G Distribution Lastrecord Occurrences

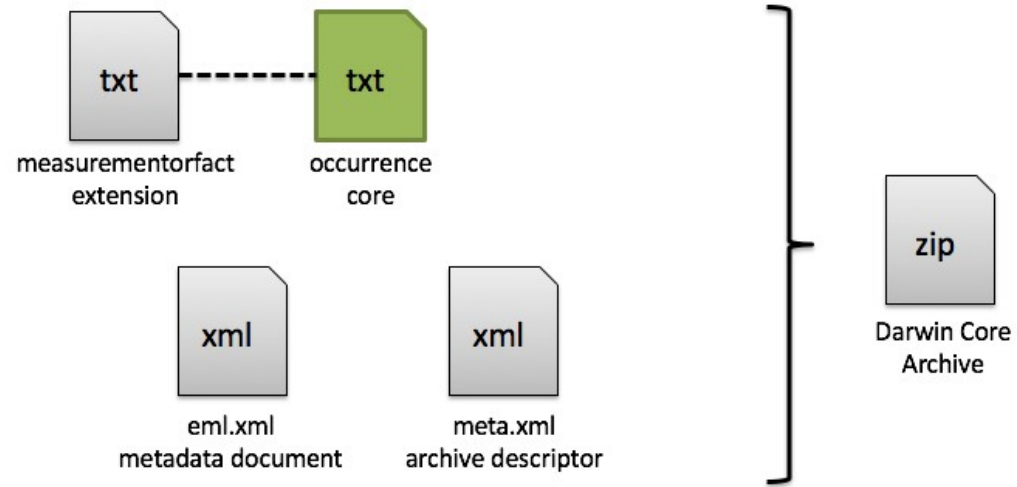
Datasets

Name	Node	Provider
SAM Ichthyology	OBIS Australia	OZCAM
Northern Barrier Marine Life of the Great Barrier Reef	OBIS Australia	AustralianInstituteofMarineScience
iziko South African Museum Fish Collection	AfrOBIS	AfrOBIS
MY Ichthyology	OBIS Australia	OZCAM
IndOBIS, Indian Ocean Node of OBIS	IndOBIS	IndOBIS
Australian Museum	OBIS Australia	OZCAM
Fishbaseoccurrenceshosted byGBIF-Sweden	FishBase OBIS	FishBase
Benthic species from the tropical Pacific surrounding New caledonia	EurOBIS	Institutde Recherchepourle Develop...
South Western Pacific Regional OBIS Data All Sea Bio Subset	SouthWestern Pacific OBIS	SouthWestern Pacific OBIS
NMNH Vertebrate Zoology Fishes Collections	OBIS-USA	Smithsonian Institute

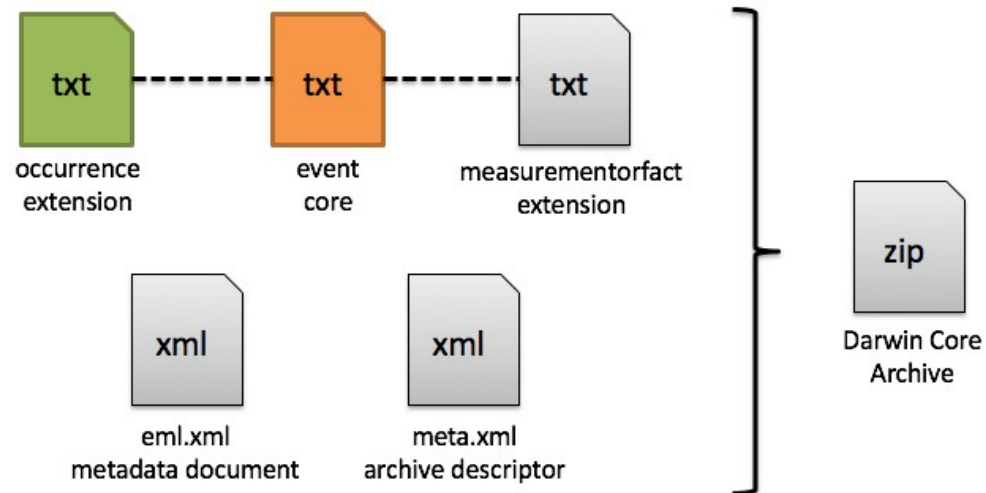
Previous **112** 3 4 Next

Data schema

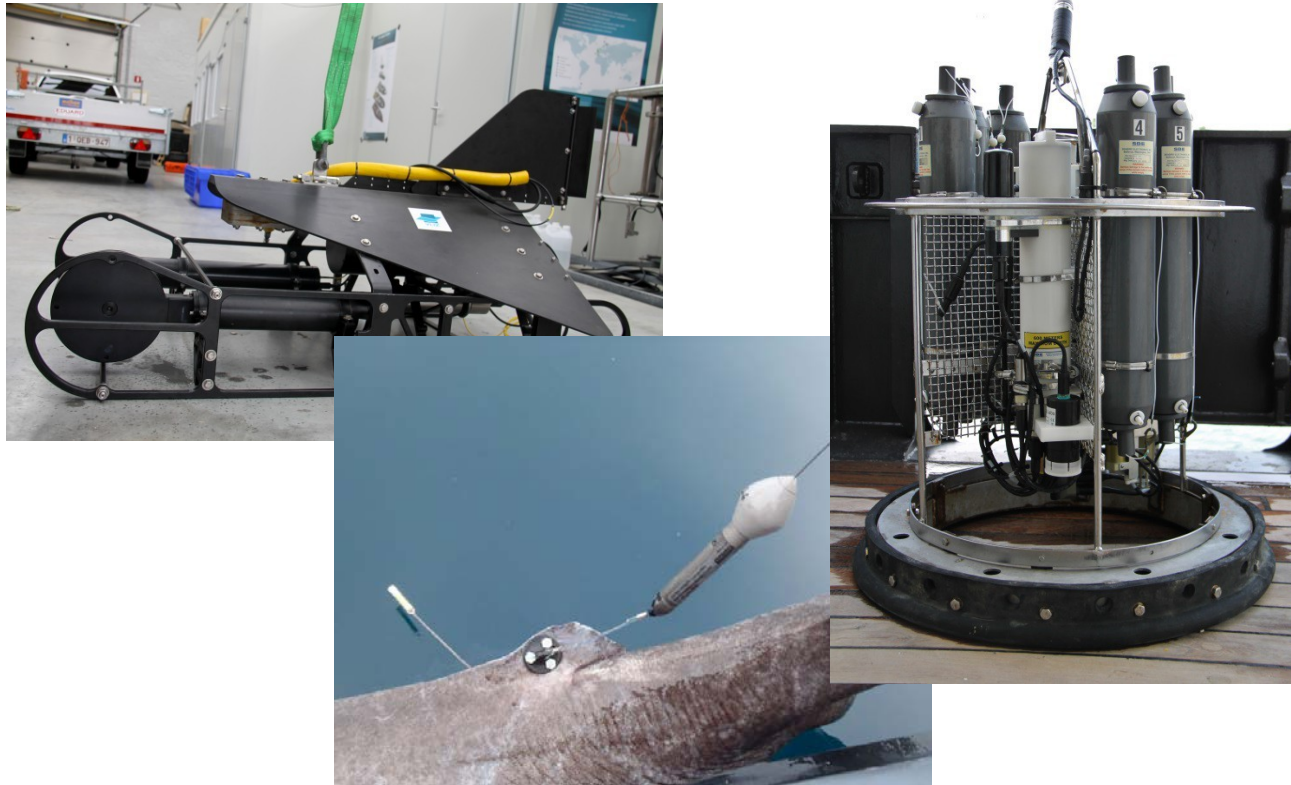
- Darwin Core Archive



- Darwin Core Archive with Event Core



- Expanding OBIS beyond species occurrences



Towards a new data standard for combined marine biological and environmental datasets, expanding OBIS beyond species occurrences

Authors

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