

EMSO-ERIC

Short description	European Multidisciplinary Seafloor and water-column Observatory (EMSO) is a large-scale European distributed Research Infrastructure (RI) for ocean observation.
Type of community	Others (Project initiatives and ERIC)
Community contact	Ivan Rodero, ivan.rodero@emso-eu.org
Interviewer	Giuseppe La Rocca
Date of interview	
Meetings	
Supporters	Giuseppe La Rocca

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User stories



Instruction

Requirements are based on a user story, which is an informal, natural language description of one or more features of a software system. User stories are often written from the perspective of an end user or user of a system. Depending on the community, user stories may be written by various stakeholders including clients, users, managers or development team members. They facilitate sensemaking and communication, that is, they help software teams organize their understanding of the system and its context. Please do not confuse user story with system requirements. A user story is an informal description of a feature; a requirement is a formal description of need (See section later).

User stories may follow one of several formats or templates. The most common would be:

"As a <role>, I want <capability> so that <receive benefit>"

"In order to <receive benefit> as a <role>, I want <goal/desire>"

"As <persona>, I want <what?> so that <why?>" where a persona is a fictional stakeholder (e. g. user). A persona may include a name, picture; characteristics, behaviours, attitudes, and a goal which the product should help them achieve.

Example:

"As provider of the Climate gateway I want to empower researchers from academia to interact with datasets stored in the Climate Catalogue, and bring their own applications to analyse this data on remote cloud servers offered via EGI."

No.	User stories
US1	As a user, I want a service that simplifies the ingest, process and archive of data of the regionally distributed EMSO nodes.
US2	As a user, I want to use federated authentication mechanisms to access the EMSO-ERIC Data Management Platform, including authentication through the EGI CheckIn when desired.
US3	As a user, I want to use services and tools for data anonymization such as OpenAIRE Amnesia.
US4	As an administrator, I want to be able to monitor and account for the use of the EMSO-ERIC resources.
US5	...

Use cases



Instruction

A use case is a list of actions or event steps typically defining the interactions between a role (known in the Unified Modeling Language as an actor) and a system to achieve a goal.

Include in this section any diagrams that could facilitate the understanding of the use cases and their relationships.

Step	Description of action	Dependency on 3rd party services (EOSC-hub or other)
UC1	EMSO-ERIC Data Management Platform integrates federated authentication mechanism	EGI AAI Check-In
UC2	EMSO-ERIC Data Management Platform integrates features for data anonymisation	OpenAIRE Amnesia
UC3	...	


Requirements

Technical Requirements



Instruction

- Requirement number: Use numbers RQ1, RQ2, RQ3, ...
- Requirement title: Use a short but descriptive title. Use the same title in the Jira ticket 'Summary' field
- Link to requirement JIRA ticket: Open a ticket in <this JIRA queue <https://jira.eosc-hub.eu/projects/EOSCWP10/issues/EOSCWP10-4?filter=allopenissues>> (click on 'CREATE' button in the middle-top of JIRA)
- Source use case: Refer back to the use cases above (UC1, 2, ...)

Requirement number	Requirement title	Link to Requirement JIRA ticket	Source Use Case
Example	EOSC-hub to provide an FTS data transfer service	 EOSCWP10-21 - Jira .	UC1
RQ1	Integration of the EGI AAI Check-In in the EMSO-ERIC Data Management Platform	https://ggus.eu/index.php?mode=ticket_info&ticket_id=147743 (solved)	UC1
RQ2			

Capacity Requirements

EOSC-hub services	Amount of requested resources	Time period
Cloud Compute	1600 vCPU cores and 6000GB of RAM	1 year
Online Storage	10TB/year	1 year