![CatRIS — Catalogue of Research Infrastructure Services]

# CatRIS Provider and Service Profiles Tutorial

V3.00 – 27/11/2020

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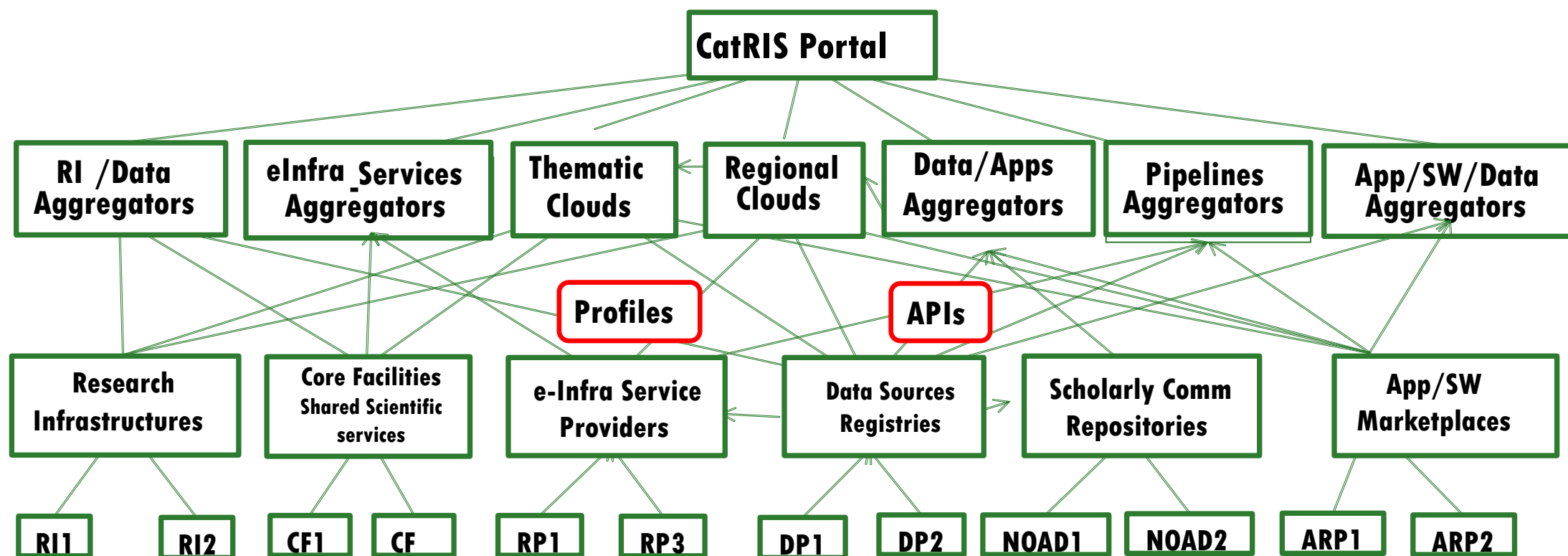
# Introduction to CatRIS Portal Profiles

# Introduction

One of the major challenges that the European Open Science Cloud (EOSC) aims to address is the historical lack of Interoperable Online Catalogues of Research Resources that European Researchers could explore across Europe.

European Researchers increasingly live, work, and conduct research across borders. Their increased mobility must be supported by cross-border services and seamless exchange of data. Unfortunately, the environment in which data exchange takes place amongst EU Member States is complex, creating many semantic interoperability conflicts caused among others by the lack of commonly agreed data models, the absence of universal reference data, etc.

On the other hand many European Research Infrastructures and Service Providers have their own public catalogues; many others are at very early stages of developing their catalogue; they are following diverse standards, frameworks and approaches; some describe their services with varying level of detail and complexity, while others had no discoverable or accessible paths to their Service offerings.
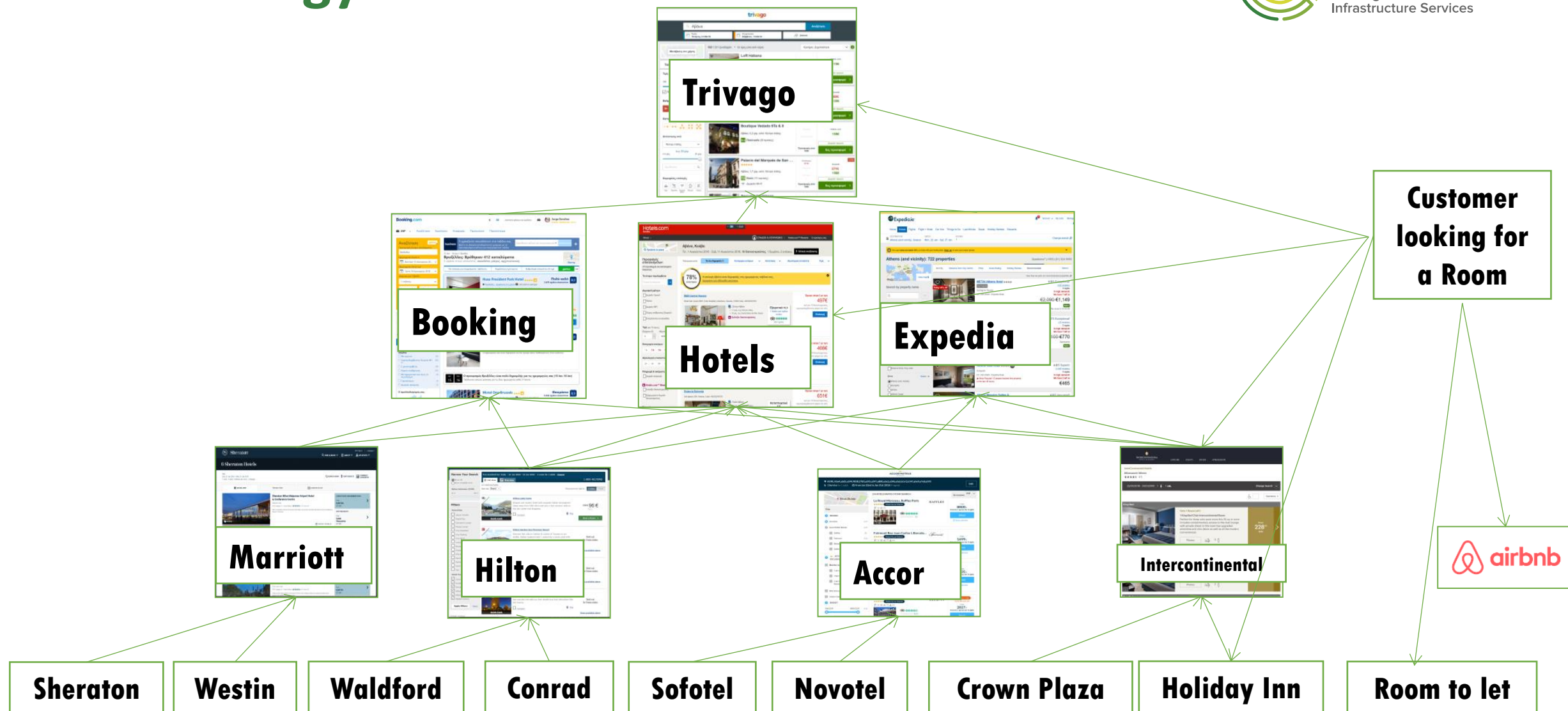
# Introduction

A Catalogue aims to present in a well-organised manner the available Services that are on offer to a User/Customer by a Service Provider. It is the customer-facing list of all Services offered. Similarly to labels on goods or products, containing information on the good as well as pricing, Services and their attributes should be explained in a clear and structured manner to guide the user to find the right Service.

The development and implementation of a Catalogue is an essential step towards the transformation from technology-oriented organisations into customer-oriented organisations. It is a means to communicate and provide clarity to Users/Customers about the Services available to them, to help improve customer relations by sharing information and managing customer expectations.

# Interoperability

A common approach to describing (Profiles) and exchanging (APIs) service-related information is the way forward to enhance discoverability, interoperability and thus potential uptake of services in a European single digital market for Research.

# An Analogy

Trivago

Booking

Hotels

Expedia

Customer looking for a Room

airbnb

Marriott

Hilton

Accor

Intercontinental

Sheraton

Westin

Waldford

Conrad

Sofotel

Novotel

Crown Plaza

Holiday Inn

Room to let

# Prior Efforts

https://portal.meril.eu/meril/

# CatRIS Portal Profiles

- The CatRIS Profiles are part of the CatRIS Portal Interoperability Framework that comprises among others of: the CatRIS Profiles; the CatRIS Portal APIs; the CatRIS Portal Onboarding Process (OP); the CatRIS Rules of Participation (RoP), etc.

- The CatRIS Portal Interoperability Framework constitutes an important pillar to realise the CatRIS vision and framework. It is an evolving specification, which will incorporate new features from the CatRIS ecosystem as they emerge.

- Version 3.00 of the CatRIS Portal Profiles include two profiles each addressing a different entity and a different phase of the onboarding, update, maintenance and monitoring processes of a service by a Provider: the Provider Profile and the service Profile.

- The CatRIS Profiles provide definition of their attributes, their format/type (if any) and multiplicity, as well as whether the attribute is mandatory or optional for the implementation of a number of features in Catalogues. They also provide validation rules for validation of input data.

- The CatRIS Profiles include also Provider and service Code lists, Taxonomies, Classifications that have been developed to provide a structured classification of services and a harmonized way for the description of various attributes. They also constitute the basis for the structure and the filtering functions of an CatRIS Portal.

# Conceptual/Data Model

The following table represents the type of information that describes the CatRIS Provider Profile.

## Provider Profile

### Basic Information

| Code | Attribute Name | Value (Example) | Required | Definition | Type | Multiplicity | Public | Length Check |
|------|----------------|-----------------|----------|------------|------|--------------|--------|--------------|
| EPP.BAI.0 | ID | openaire | Mandatory | A persistent identifier, a unique reference to the Provider in the context of the EOSC Portal. | String (max 30) | 1 | Yes | 8 |
| EPP.BAI.1 | Name | Open Access Infrastructure for Research in Europe | Mandatory | Full Name of the Provider offering the resource and acting as main contact point. | String (max 100) | 1 | Yes | 49 |
| EPP.BAI.2 | Abbreviation | OpenAIRE | Mandatory | Abbreviation or short name of the Provider. | String (max 30) | 1 | Yes | 8 |
| EPP.BAI.3 | Website | https://www.openaire.eu | Mandatory | Webpage with information about the Provider. | URL | 1 | Yes | 23 |
| EPP.BAI.4 | Legal Entity | Y | Mandatory | A Y/N question to define whether the Provider is a Legal Entity or not. | Boolean | 1 | Yes | 1 |
| EPP.BAI.5 | Legal Status | Non-Profit Partnership (NPP) | Optional | Legal status of the Provider. The legal status is usually noted in the registration act/statutes. For independent legal entities (1) - legal status of the Provider. For embedded providers (2) - legal status of the hosting legal entity. It is also possible to select Not a legal entity. | List of controlled values | 1 | Yes | 28 |

# CatRIS Profiles Information Blocks

The information regarding the CatRIS Provider Profile and its services are categorized as following:

## Provider Profile

- Basic Information
- Marketing Information
- Classification Information
- Location Information
- Contact Information
- Public Contact Information
- Maturity Information
- Other Information

## Service Profile

- Basic Information
- Marketing Information
- Classification Information
- Geographical and Language Availability Information
- Service Location Information
- Contact Information
- Maturity Information
- Dependencies Information
- Attribution Information
- Management Information
- Access and Order Information
- Financial Information

# CatRIS Profiles Minimum Set for Interoperability

CatRIS
Catalogue of Research
Infrastructure Services

## Provider Profile

- ID
- Name
- Abbreviation
- Website
- Description
- Logo
- Address
- Contacts

## Service Profile

- ID
- Name
- Organization
- Website
- Description
- Tagline
- Logo

- Scientific Domain
- Category
- Target Users
- Geographical and Language Availability
- Contacts
- TRL
- Order Type

# CatRIS Profiles Classifications

## Provider Profile

- Legal Status
- Scientific Domain/Subdomain
- Country
- Life Cycle Status
- Network
- Structure Type
- ESFRI Domain
- ESFRI Type
- MERIL Scientific Domain/Subdomain
- Area of Activity
- Societal Grand Challenges

## Service Profile

- Scientific Domain/Subdomain
- Category/Subcategory
- Target Users
- Access Type
- Access Mode
- Geographical Availability
- Language Availability
- Geographic Location
- TRL
- Life Cycle Status
- Funding Body
- Funding Program
- Order Type

# CatRIS

**Catalogue of Research Infrastructure Services**

## Provider Profile Detailed

# Provider Profile

| Code | Attribute Name | Value (Example) | Required | Definition | Type | Multiplicity | Public | Length Check |
|---|---|---|---|---|---|---|---|---|
| **Basic Information** | | | | | | | | |
| EPP.BAI.0 | ID | openaire | Mandatory | A persistent identifier, a unique reference to the Provider in the context of the EOSC Portal. | String (max 30) | 1 | Yes | 8 |
| EPP.BAI.1 | Name | Open Access Infrastructure for Research in Europe | Mandatory | Full Name of the Provider offering the resource and acting as main contact point. | String (max 100) | 1 | Yes | 49 |
| EPP.BAI.2 | Abbreviation | OpenAIRE | Mandatory | Abbreviation or short name of the Provider. | String (max 30) | 1 | Yes | 8 |
| EPP.BAI.3 | Website | https://www.openaire.eu | Mandatory | Webpage with information about the Provider. | URL | 1 | Yes | 23 |
| EPP.BAI.4 | Legal Entity | Y | Mandatory | A Y/N question to define whether the Provider is a Legal Entity or not. | Boolean | 1 | Yes | 1 |
| EPP.BAI.5 | Legal Status | Non-Profit Partnership (NPP) | Optional | Legal status of the Provider. The legal status is usually noted in the registration act/statutes. For independent legal entities (1) - legal status of the Provider. For embedded providers (2) - legal status of the hosting legal entity. It is also possible to select Not a legal entity. | List of controlled values | 1 | Yes | 28 |

# Provider Profile

**CatRIS**
Catalogue of Research
Infrastructure Services

**Marketing Information**

| Code | Attribute Name | | Required | Definition | Type | Multiplicity | Public | Length Check |
|------|----------------|---|----------|------------|------|--------------|--------|--------------|
| EPP.MRI.1 | Description | OpenAIRE represents a pivotal phase in the long-term effort to implement and strengthen the impact of the Open Access policies of the European Commission, building on the achievements of the OpenAIRE projects. OpenAIRE support and accelerate Open Science and Scholarship, of which Open Access is of fundamental importance. | Mandatory | The description of the Provider. | String (max 1000) | 1 | Yes | 322 |
| EPP.MRI.2 | Logo | https://www.openaire.eu/images/OpenAIRE_branding/Logo_Horizontal.png | Mandatory | Link to the logo/visual identity of the Provider. | URL | 1 | Yes | 68 |
| EPP.MRI.3 | Multimedia | https://vimeo.com/108790101 | Optional | Link to video, slideshow, photos, screenshots with details of the Provider. | URL | Multiple | Yes | 27 |

# Provider Profile

**Classification Information**

| Code | Attribute Name | Value (Example) | Required | Definition | Type | Multiplicity | Public | Length Check |
|---|---|---|---|---|---|---|---|---|
| EPP.CLI.1 | Scientific Domain | Information Science and Technology | Optional | A named group of providers that offer access to the same type of resource or capabilities. | List of controlled values | Multiple | Yes | 34 |
| EPP.CLI.2 | Scientific Subdomain | Complex Data Facilities | Optional | A named group of providers that offer access to the same type of resource or capabilities, within the defined domain. | List of controlled values | Multiple | Yes | 23 |
| EPP.CLI.3 | Tags | Open data, open science, publications, research papers | Optional | Keywords associated to the Provider to simplify search by relevant keywords. | String (max 20) | Multiple | Yes | 54 |

# Provider Profile

## Location Information

| Code | Attribute Name | Value (Example) | Required | Definition | Type | Multiplicity | Public | Length Check |
|------|----------------|-----------------|----------|------------|------|--------------|--------|--------------|
| EPP.LOI.1 | Street Name and Number | Christou Lada Str. | Mandatory | Street and Number of incorporation or Physical location of the Provider or its coordinating centre in the case of distributed, virtual, and mobile providers. | String (max 50) | 1 | Yes | 18 |
| EPP.LOI.2 | Postal Code | 10561 | Mandatory | Postal code of incorporation or Physical location of the Provider or its coordinating centre in the case of distributed, virtual, and mobile providers. | String (max 20) | 1 | Yes | 5 |
| EPP.LOI.3 | City | Athens | Mandatory | City of incorporation or Physical location of the Provider or its coordinating centre in the case of distributed, virtual, and mobile providers. | String (max 20) | 1 | Yes | 6 |
| EPP.LOI.4 | Region | Attica | Optional | Region of incorporation or Physical location of the Provider or its coordinating centre in the case of distributed, virtual, and mobile providers. | String (max 50) | 1 | Yes | 6 |
| EPP.LOI.5 | Country | Greece | Mandatory | Country of incorporation or Physical location of the Provider or its coordinating centre in the case of distributed, virtual, and mobile providers. | List of controlled values | 1 | Yes | 6 |

# Provider Profile

**CatRIS** Catalogue of Research Infrastructure Services

## Contact Information

### Main Contact/Provider Manager

| Code | Attribute Name | Value (Example) | Required | Definition | Type | Multiplicity | Public | Length Check |
|---|---|---|---|---|---|---|---|---|
| EPP.COI.1 | First Name | Minos | Mandatory | First Name of the Provider's main contact person/Provider manager. | String (max 50) | 1 | No | 5 |
| EPP.COI.2 | Last Name | Kaloglou | Mandatory | Last Name of the Provider's main contact person/Provider manager. | String (max 50) | 1 | No | 8 |
| EPP.COI.3 | Email | minos@uniath.gr | Mandatory | Email of the Provider's main contact person/Provider manager. | Email | 1 | No | 15 |
| EPP.COI.4 | Phone | 3021077755500 | Optional | Phone of the Provider's main contact person/Provider manager. | String (max 20) | 1 | No | 13 |
| EPP.COI.5 | Position | Coordinator | Optional | Position of the Provider's main contact person/Provider manager. | String (max 50) | 1 | No | 11 |

### Public Contact

| Code | Attribute Name | Value (Example) | Required | Definition | Type | Multiplicity | Public | Length Check |
|---|---|---|---|---|---|---|---|---|
| EPP.COI.6 | First Name | Natalia | Optional | First Name of the Provider's contact person to be displayed at the portal. | String (max 20) | 1 | Yes | 7 |
| EPP.COI.7 | Last Name | Pappa | Optional | Last Name of the Provider's contact person to be displayed at the portal. | String (max 20) | 1 | Yes | 5 |
| EPP.COI.8 | Email | pappa@uniath.gr | Mandatory | Email of the Provider's contact person to be displayed at the portal or general email to contact Provider. | Email | 1 | Yes | 15 |
| EPP.COI.9 | Phone | 293084436 | Optional | Phone of the provider's contact person to be displayed at the portal or general phone to contact Provider. | String (max 20) | 1 | Yes | 9 |
| EPP.COI.10 | Position | Manager | Optional | Position of the Provider's contact person to be displayed at the portal. | String (max 50) | 1 | Yes | 7 |

# Provider Profile

| | Maturity Information | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Code | Attribute Name | Value (Example) | Required | Definition | Type | Multiplicity | Public | Length Check |
| EPP.MTI.1 | Life Cycle Status | Operational | Optional | Current status of the Provider/Research infrastucture life-cycle. | List of controlled values | 1 | Yes | 11 |
| EPP.MTI.2 | Certifications | ISO-27001 | Optional | List of certifications obtained for the Provider (including the certification body and any certificate number). | String (max 250) | Multiple | Yes | 9 |

# Provider Profile

**Other Information**

| Code | Attribute Name | Value (Example) | Required | Definition | Type | Multiplicity | Public | Length Check |
|---|---|---|---|---|---|---|---|---|
| EPP.OTH.1 | Hosting Legal Entity | OpenAIRE | Optional | Name of the organisation/institution legally hosting (housing) the provider/research infrastructure or its coordinating centre. A distinction is made between: (1) research infrastructures that are self-standing and have a defined and distinct legal entity, (2) research infrastructures that are embedded into another institution which is a legal entity (such as a university, a research organisation, etc.). If (1) - name of the research infrastructure, If (2) - name of the hosting organisation. | String (max 80) | 1 | Yes | 8 |
| EPP.OTH.2 | Participating Countries | Germany, Italy, Poland, Switzerland, Portugal, Netherlands, Belgium, Norway, Uruguay | Optional | Providers/Research Infrastructures that are funded by several countries should list here all supporting countries (including the Coordinating country). | List of controlled values | Multiple | Yes | 84 |
| EPP.OTH.3 | Affiliations | EGI, EUDAT, GEANT, OpenAIRE, etc | Optional | Providers that are members or affiliated or associated with other organisations should list those organisations here | String (max 30) | Multiple | Yes | 32 |
| EPP.OTH.4 | Networks | Open Access Infrastructure for Research in Europe (OpenAIRE) | Optional | Select the networks the Provider is participating in. | List of controlled values | Multiple | Yes | 60 |
| EPP.OTH.5 | Structure Type | Virtual | Optional | Defines the Provider structure type (single-sited, distributed, mobile, virtual, etc.) | List of controlled values | Multiple | Yes | 7 |
| EPP.OTH.6 | ESFRI Domain | Data, Computing and Digital Research Infrastructures | Optional | ESFRI domain classification. | List of controlled values | Multiple | Yes | 52 |
| EPP.OTH.7 | ESFRI Type | Not and ESFRI project or landmark | Optional | If the research infrastructure is (part of) an ESFRI project indicate how the RI participates: a) is a node of an ESFRI project, b) is an ESFRI project, c) is an ESFRI landmark, d) is not an ESFRI project or landmark. | List of controlled values | 1 | Yes | 33 |
| EPP.OTH.8 | MERIL Scientific Domain | Humanities & Arts | Optional | MERIL scientific domain classification | List of controlled values | Multiple | Yes | 17 |
| EPP.OTH.9 | MERIL Scientific Subdomain | Collections | Optional | MERIL scientific subdomain classification | List of controlled values | Multiple | Yes | 11 |
| EPP.OTH.10 | Areas of Activity | Other | Optional | Basic research, Applied research or Technological development | List of controlled values | Multiple | Yes | 5 |
| EPP.OTH.11 | Societal Grand Challenges | Other | Optional | Provider's participation in the grand societal challenges as defined by the European Commission | List of controlled values | Multiple | Yes | 5 |
| EPP.OTH.12 | National Roadmaps | No | Optional | Provider being part of a national roadmap for research infrastructures | String (max 80) | Multiple | Yes | 2 |

# CatRIS

**Catalogue of Research Infrastructure Services**

## Service Profile Detailed

# Service Profile



| Code | Attribute Name | Value (Example) | Required | Definition | Type | Multiplicity | Public | Length Check |
|------|----------------|-----------------|----------|------------|------|--------------|--------|--------------|
| **Basic Information** | | | | | | | | |
| ERP.BAI.0 | **ID** | openaire.zenodo | Mandatory (Assigned by the EOSC Portal) | A persistent identifier, a unique reference to the Resource in the context of the EOSC Portal. | String (max 30) | 1 | Yes | 15 |
| ERP.BAI.1 | **Name** | B2DROP | Mandatory | Brief and descriptive name of Resource as assigned by the Provider. | String (max 80) | 1 | Yes | 6 |
| ERP.BAI.2 | **Resource Organisation** | OpenAIRE | Mandatory (Filled in by the EOSC Portal) | The name (or abbreviation) of the organisation that manages or delivers the resource, or that coordinates resource delivery in a federated scenario. | Provider ID | 1 | Yes | 8 |
| ERP.BAI.3 | **Resource Providers** | CERN, GRNET | Optional | The name(s) (or abbreviation(s)) of Provider(s) that manage or deliver the Resource in federated scenarios. | Provider IDs | Multiple | Yes | 11 |
| ERP.BAI.4 | **Webpage** | http://www.Provider.eu/Resource-name or http://Resource-name.Provider.eu | Mandatory | Webpage with information about the Resource usually hosted and maintained by the Provider. | URL | 1 | Yes | 72 |
| **Marketing Information** | | | | | | | | |
| ERP.MRI.1 | **Description** | B2SHARE is a user-friendly, reliable and trustworthy service that allows to store and share worldwide small-scale research data, results and metadata from diverse contexts and guarantees their long-term persistence. For the communities who need to guard against data loss, B2SAFE is a customer facing service that allow data replication and safe storage between | Mandatory | A high-level description in fairly non-technical terms of a) what the Resource does, functionality it provides and Resources it enables to access, b) the benefit to a user/customer delivered by a Resource; benefits are usually related to alleviating pains (e.g., eliminate undesired outcomes, obstacles or risks) or producing gains (e.g. increased performance, social gains, positive emotions or cost saving), c) list of customers, communities, users, etc. using the Resource. | String (max 1000) | 1 | Yes | 518 |
| ERP.MRI.2 | **Tagline** | Store, share and access your files and their metadata on a global scale | Mandatory | Short catch-phrase for marketing and advertising purposes. It will be usually displayed close to the Resource name and should refer to the main value or purpose of the Resource. | String (max 100) | 1 | Yes | 71 |
| ERP.MRI.3 | **Logo** | https://Resource-name.Resource-Provider.eu/Symbol.jpg | Mandatory | Link to the logo/visual identity of the Resource. The logo will be visible at the Portal. If there is no specific logo for the Resource the logo of the Provider may be used. | URL | 1 | Yes | 53 |
| ERP.MRI.4 | **Multimedia** | http://Resource-name.Resource-Provider.eu/Multimedia | Optional | Link to video, screenshots or slides showing details of the Resource. | URL | Multiple | Yes | 52 |
| ERP.MRI.5 | **Use Cases** | https://zenodo.org/record/1490344#.XfR8p_yxWUk | Optional | Link to use cases supported by this Resource. | URL | Multiple | Yes | 46 |

# Service Profile

**CatRIS** — Catalogue of Research Infrastructure Services

## Classification Information

| ID | Field | Value | Requirement | Description | Type | Cardinality | | Count |
|---|---|---|---|---|---|---|---|---|
| ERP.CLI.1 | Scientific Domain | Natural Sciences | Mandatory | The branch of science, scientific discipline that is related to the Resource. | List of controlled values | Multiple | Yes | 16 |
| ERP.CLI.2 | Scientific Subdomain | Biological sciences | Mandatory | The subbranch of science, scientific subdicipline that is related to the Resource. | List of controlled values | Multiple | Yes | 19 |
| ERP.CLI.3 | Category | Aggregators & Integrators | Mandatory | A named group of Resources that offer access to the same type of Resource or capabilities. | List of controlled values | Multiple | Yes | 25 |
| ERP.CLI.4 | Subcategory | Software & Data | Mandatory | A named group of Resources that offer access to the same type of Resource or capabilities, within the defined Resource category | List of controlled values | Multiple | Yes | 15 |
| ERP.CLI.5 | Target Users | Researchers, Research group, Research community, Research project, Research manager, Research organization, Innovators, Business | Mandatory | Type of users/customers that commissions a Provider to deliver a Resource. | List of controlled values | Multiple | Yes | 128 |
| ERP.CLI.6 | Access Type | Virtual | Optional | The way a user can access the Resource (Remote, Physical, Virtual, etc.) | List of controlled values | Multiple | Yes | 7 |
| ERP.CLI.7 | Access Mode | Excellence-based, peer reviewed | Optional | Eligibility/criteria for granting access to users (excellence-based, free-conditionally, free etc.) | List of controlled values | Multiple | Yes | 31 |
| ERP.CLI.8 | Tags | Open Science, data, dataset, data archive, library, repository | Optional | Keywords associated to the Resource to simplify search by relevant keywords. | String (max 50) | Multiple | Yes | 62 |

## Geographical and Language

| ID | Field | Value | Requirement | Description | Type | Cardinality | | Count |
|---|---|---|---|---|---|---|---|---|
| ERP.GLA.1 | Geographical Availability | World | Mandatory | Locations where the Resource is offered. | List of controlled values | Multiple | Yes | 5 |
| ERP.GLA.2 | Language Availability | English | Mandatory | Languages of the (user interface of the) Resource. | List of controlled values | Multiple | Yes | 7 |

## Service Location Information

| ID | Field | Value | Requirement | Description | Type | Cardinality | | Count |
|---|---|---|---|---|---|---|---|---|
| ERP.RLI.01 | Resource Geographic Location | | Optional | List of geographic locations where data, samples, etc. are stored and processed | List of controlled values | Multiple | | 0 |

# Service Profile

| | Contact Information | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Main Contact/Resource Owner** | | | | | | | | |
| ERP.COI.1 | First Name | John | Mandatory | First Name of the Resource's main contact person/manager. | String (max 20) | 1 | No | 4 |
| ERP.COI.2 | Last Name | Smith | Mandatory | Last Name of the Resource's main contact person/manager. | String (max 20) | 1 | No | 5 |
| ERP.COI.3 | Email | john.smith@example.com | Mandatory | Email of the Resource's main contact person/manager. | Email | 1 | No | 22 |
| ERP.COI.4 | Phone | 3021077755500 | Optional | Telephone of the Resource's main contact person/manager. | String (max 20) | 1 | No | 13 |
| ERP.COI.5 | Position | Coordinator | Optional | Position of the Resource's main contact person/manager. | String (max 20) | 1 | No | 11 |
| ERP.COI.6 | Organisation | Open Access Infrastructure for Research in Europe | Optional | The organisation to which the contact is affiliated | String (max 50) | 1 | No | 49 |
| **Public Contact** | | | | | | | | |
| ERP.COI.7 | First Name | Jack | Optional | First Name of the Resource's contact person to be displayed at the portal. | String (max 20) | 1 | Yes | 4 |
| ERP.COI.8 | Last Name | White | Optional | Last Name of the Resource's contact person to be displayed at the portal. | String (max 20) | 1 | Yes | 5 |
| ERP.COI.9 | Email | jack.white@example.com | Mandatory | Email of the Resource's contact person or a generic email of the Provider to be displayed at the portal. | Email | 1 | Yes | 22 |
| ERP.COI.10 | Phone | 3021077755501 | Optional | Telephone of the Resource's contact person to be displayed at the portal. | String (max 20) | 1 | Yes | 13 |
| ERP.COI.11 | Position | Manager | Optional | Position of the Resource's contact person to be displayed at the portal. | String (max 20) | 1 | Yes | 7 |
| ERP.COI.12 | Organisation | Open Access Infrastructure for Research in Europe | Optional | The organisation to which the contact is affiliated | String (max 50) | 1 | Yes | 49 |
| **Other Contacts** | | | | | | | | |
| ERP.COI.13 | Helpdesk Email | helpdesk@Provider.com | Mandatory | The email to ask more information from the Provider about this Resource. | Email | 1 | Yes | 21 |
| ERP.COI.14 | Security Contact Email | secutiry@Provider.com | Mandatory | The email to contact the Provider for critical secutiry issues about this Resource. | Email | 1 | No | 21 |

# Service Profile

## Maturity Information

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ERP.MTI.1 | Technology Readiness Level | TRL8 | Mandatory | The Technology Readiness Level of the Resource (to be further updated in the context of the EOSC). | List of controlled values | 1 | Yes | 4 |
| ERP.MTI.2 | Life Cycle Status | Production | Optional | Phase of the Resource life-cycle. | List of controlled values | 1 | Yes | 10 |
| ERP.MTI.3 | Certifications | | Optional | List of certifications obtained for the Resource (including the certification body). | String (max 100) | Multiple | Yes | 0 |
| ERP.MTI.4 | Certifications | | Optional | List of certifications obtained for the Resource (including the certification body). | String (max 100) | Multiple | Yes | 0 |
| ERP.MTI.5 | Open Source Technologies | | Optional | List of open source technologies supported by the Resource. | String (max 100) | Multiple | Yes | 0 |
| ERP.MTI.6 | Version | 3.1 | Optional | Version of the Resource that is in force. | String (max 10) | 1 | Yes | 3 |
| ERP.MTI.7 | Last Update | 2/28/2018 | Optional | Date of the latest update of the Resource. | Date (dd/mm/yyyy) | 1 | Yes | 9 |
| ERP.MTI.8 | Change Log | Upgrade of user interface. Correction of minor bugs. | Optional | Summary of the Resource features updated from the previous version. | String (max 1000) | Multiple | Yes | 52 |

## Dependencies Information

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ERP.DEI.1 | Required Resources | List of Resource IDs | Optional | List of other Resources required to use this Resource. | Resource IDs | Multiple | Yes | 20 |
| ERP.DEI.2 | Related Resources | List of Resource IDs | Optional | List of other Resources that are commonly used with this Resource. | Resource IDs | Multiple | Yes | 20 |
| ERP.DEI.3 | Related Platforms | E.g.: WeNMR Suite for DISVIS | Optional | List of suites or thematic platforms in which the Resource is engaged or Providers (Provider groups) contributing to this Resource. | String (max 50) | Multiple | Yes | 28 |

## Attribution Information

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ERP.ATI.1 | Funding Body | European Commission | Optional | Name of the funding body that supported the development and/or operation of the Resource. | List of controlled values | Multiple | Yes | 19 |
| ERP.ATI.2 | Funding Program | Horizon 2020 | Optional | Name of the funding program that supported the development and/or operation of the Resource. | List of controlled values | Multiple | Yes | 12 |
| ERP.ATI.3 | Grant/Project Name | OpenAIRE2020 (643410) | Optional | Name of the project that supported the development and/or operation of the Resource. | String (max 100) | Multiple | Yes | 21 |

# Service Profile


CatRIS
Catalogue of Research Infrastructure Services

## Management Information

| ERP.MGI.1 | Helpdesk Page | http://Resource-name.Resource-Provider.eu/Helpdesk http://helpdesk.Resource-Provider.eu | Optional | The URL to a webpage to ask more information from the Provider about this Resource. | URL | 1 | Yes | 87 |
|---|---|---|---|---|---|---|---|---|
| ERP.MGI.2 | User Manual | http://Resource-name.provid-er.eu/UserManual | Optional | Link to the Resource user manual and documentation. | URL | 1 | Yes | 44 |
| ERP.MGI.3 | Terms Of Use | http://Resource-name.provid-er.eu/TermsOfUse | Optional | Webpage describing the rules, Resource conditions and usage policy which one must agree to abide by in order to use the Resource. | URL | 1 | Yes | 44 |
| ERP.MGI.4 | Privacy Policy | | Optional | Link to the privacy policy applicable to the Resource. | URL | 1 | Yes | 0 |
| ERP.MGI.5 | Access Policy | PRACE provides HPC Resources to researchers and scientists from academia and industry through Preparatory Access (code scaling and optimization) and/or through Project Access (large-scale, computationally intensive projects) | Optional | Information about the access policies that apply. | URL | 1 | Yes | 258 |
| ERP.MGI.6 | Service Level | http://Resource-name.Provider.eu/SLA | Optional | Webpage with the information about the levels of performance that a Provider is expected to deliver. | URL | 1 | Yes | 36 |
| ERP.MGI.7 | Training Information | http://Resource-name.Provider.eu/Training | Optional | Webpage to training information on the Resource. | URL | 1 | Yes | 41 |
| ERP.MGI.8 | Status Monitoring | http://Resource-name.Provider.eu/Monitoring | Optional | Webpage with monitoring information about this Resource | URL | 1 | Yes | 43 |
| ERP.MGI.9 | Maintenance | http://Resource-name.Provider.eu/Maintenance | Optional | Webpage with information about planned maintenance windows for this Resource | URL | 1 | Yes | 44 |

# Service Profile

## Access and Order Information

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ERP.AOI.1 | **Order Type** | | Mandatory | Information on the order type (requires an ordering procedure, or no ordering and if fully open or requires authentication) | List of controlled values | 1 | Yes | 0 |
| ERP.AOI.2 | **Order** | https://gts.geant.net/login | Optional | Webpage through which an order for the Resource can be placed | URL | 1 | Yes | 27 |

## Financial Information

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ERP.FNI.1 | **Payment Model** | | Optional | Webpage with the supported payment models and restrictions that apply to each of them | URL | 1 | Yes | 0 |
| ERP.FNI.2 | **Pricing** | http://Resource-name.Provider.eu/Price | Optional | Webpage with the information on the price scheme for this Resource in case the customer is charged for. | URL | 1 | Yes | 38 |

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