



Service Catalogue

**Joint UNECE/Eurostat CSPA workshop
Wiesbaden 3-5 July 2017**

History

- CSPA 5 layers catalogue from the CSPA project
- Service Catalogue is only 1 layer
- Current version :
 - **it is a Wiki page hosted by Eurostat/European Commission**
 - **cumbersome to use and update**
 - **Wiki macros not maintained**

Version 3

- Uses [Liferay](#) for content management
- Integrating a BPM workflow for assessment and lifecycle of services
- One single system for public and private (editable) sections of the catalogue
- Iterative development delayed 6 months due to contracting issues. Workflow version H2 2017
- Static version not fully ready

Example of catalogue use

- View a Service
- Create a new Service
- Edit a Service Specification
- Add a Service Implementation to an existing service

Not fully functional -> Based on screenshots



European Commission

View a Service (1/2)



CSPA Catalogue

Filter by ▾

Search term...



John Doe ▾

Viewing links

Search by labels: analysis coding, local_deployment, released restriction somx, seasonal_adjustment, trend_estimates validation

Available filters: Owner, CSPA Compliance, Name, Implementations, GSBPM

Specify needs, Design, Build, Collect, Process, Analyse, Disseminate, Evaluate

Cspa Services

Active filters: Owner, CSPA Compliance

See Archived Services, Clear Filter

Service	Service Name	Owner	Definition Status	Definition Version	Specification Status	Specification Version	Implementation Status	Implementation Version
+	List Statistical Classifications	Statistics Norway (SSB)	Validated	1	Validated	1.1	Validated	1.1.1
+	R Engine	Statistics Canada	Validated	1	Validated	1.2	Validated	1.2.1
+	R Engine	Statistics Canada	Validated	2	Validated	2.1	Validated	2.1.1
+	Seasonal Adjustment	INSEE (National Institute of Statistics and Economic Studies) Home page: http://www.insee.fr/en/	Validated	1	Validated	1.2	Validated	1.2.2

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Notification Area

Major Notifications [View all](#)

New Service R Engine 2 Submitted on 20/05/2017
[View Changes](#)

Section modified from service 'R Engine' version 1.0.1 to 1.2.0 on 05/02/2017
[view major changes](#)

Minor Service's changes

Table listing

Notification area





European Commission

View a Service (2/2)



CSPA Catalogue

Filter by ▾

Search term...



John Doe ▾

Search by labels

analysis **available**
 in_dev partially_r_engine
 released restriction sdmx
 seasonal_adjustment set
 statistical_classification test-
 label time_series transform
 trend_estimates validation

- Specify needs**
- Design**
- Build**
- Collect**
- Process**
- Analyse**
- Disseminate**
- Evaluate**

New CSPA Service

Overview

Definition

Specification

Implementation

Service Overview

Name	List Statistical Classifications
Owner	Statistics Norway (SSB)
Contact Business	Name : Anne Gro Hustoft Email : agt@ssb.no
Metadata/Keywords	Statistical Classification,gsbpm2
Status	VALIDATED

Submit ↗

Edit ↗

Add ▾

- Definition
- Specification
- Implementation

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Create a new Service (1/3)



CSPA Catalogue

Filter by ▾

Search term...



John Doe ▾

Search by labels

- analysis coding
- local_deployment
- released restriction somx
- seasonal_adjustment
- trend_estimates validation

Available filters

- Owner
- CSPA Compliance
- Name
- Implementations
- GSPM

Specify needs

Design

Build

Collect

Process

Analyse

Disseminate

Evaluate

Cspa Services

Add Service

Active filters

- Owner
- CSPA Compliance

See Archived Services

Clear Filter

Service	Service Name	Owner	Definition Status	Definition Version	Specification Status	Specification Version	Implementation Status	Implementation Version
[icon]	List Statistical Classifications	Statistics Norway (SSB)	Validated	1	Validated	1.1	Validated	1.1.1
[icon]	R Engine	Statistics Canada	Validated	1	Validated	1.2	Validated	1.2.1
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Create a new Service (2/3)



CSPA Catalogue

Filter by ▾

Search term...



John Doe ▾

Catalogue

List of Services

New Service

Search by labels

analyse **available**

in_dev partially r_engine
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Specify needs

Design

Build

Collect

Process

Analyse

Disseminate

Evaluate

New CSPA Service

Overview

Definition

Specification

Implementation

Service Overview

Enter Service Name



Owner



Business Contact



Metadata/Keywords



Cancel

Submit

Save ✓

Save & Next ↻

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Create a new Service (3/3)



CSPA Catalogue

Filter by ▾

Search term...



John Doe ▾

Catalogue > List of Services > New Service

Search by labels

analysis available

in_dev partially r_engine
released restriction sdmx
seasonal_adjustment set
statistical_classification test-
label time_series transform
trend_estimates validation

- Specify needs
- Design
- Build
- Collect
- Process
- Analyse
- Disseminate
- Evaluate

New CSPA Service

Overview Definition Specification Implementation

Service Definition

Identification:

Service Name

Version

Owner of the service

Business contract

Status

Discovery metadata
keywords

CSPA Compliance level

Definition:

Main GSPBM

Business Function

Outcomes

Restrictions

GSIM Input

GSIM Output

High Level
Dependencies

Cancel

Submit

Save

Save & Next

Edit a Service Specification (1/3)



CSPA Catalogue

Filter by ▾

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John Doe ▾

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analysis coding
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Available filters

- Owner
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- GSBPM

Specify needs

Design

Build

Collect

Process

Analyse

Disseminate

Evaluate

Cspa Services

[Add Service](#)

Active filters

Owner CSPA Compliance See Archived Services

[Clear Filter](#)

Service	Service Name	Owner	Definition Status	Definition Version	Specification Status	Specification Version	Implementation Status	Implementation Version
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Minor Service's changes

View

Table listing

Notification area

Edit a Service Specification (2/3)



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Catalogue

List of Services

View Service

Search by labels

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Specify needs

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New CSPA Service

Overview

Definition

Specification

Implementation

Communication

Protocol	REST
Version	1.0.1
Status	VALIDATED
Definition Version	1
Input messages	
Out messages	
Applicable methodologies	Unknown

Specification links

Messages technical
Specification

Protocol related
security

Specification documents

Input message sample	Specification_Inputs.xml
Output message sample	Specification_Outputs.xml
Methodology	

Submit

Edit

Add ▾

Edit a Service Specification (3/3)



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New CSPA Service

Overview

Definition

Specification

Implementation

Service Specification

Communication:

Protocol REST

Input messages

Out messages

Applicable methodologies
sociated with this service.

Specification links:

Messages technical
Specification

Protocol related security

Specification documents:

Input message sample
specification.xml

Output message
sample

Methodology

Cancel

Submit

Save ✓

Save & Next ↻



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Add a Service Implementation (1/3)



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Add a Service Implementation (3/3)



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Catalogue > List of Services > Create Service

Q Search by labels

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Specify needs Design Build Collect Process Analyse Disseminate Evaluate

New CSPA Service

Overview Definition Specification **Implementation**

Service Implementation

Identification:

Builder Organization(s)

Invocation protocols

Service interface

Data-by-reference protocols

Sources:

Source repository

Performance & Security:

Technical dependencies

Capacity/Performance

Relationships with other services

Security rules

Binaries:

Binary file

Cancel Submit Save

Features

- Criteria filtering
- Visualisation of services by GSBPM layer one (validated/Submitted/Draft)
- Word cloud search

End of 2017 : assessment workflow

Thank you for your attention !

Questions, Feedback ?