





Problem Addressed - Milestones

Compliance

Models and Tools to simplify the pubblication and sharing of Data in Compliance with Security and Data Protection Regulations (GDPR)

Interoperability

Central data collection and distribution, breaking data silos

Democratization

Easy self service access to open data for everyone

Standardization

Catalogs, Ontologies, Metadata and Data quality and validation

Valorization

Provide Policy makers with data driven decision tools and models

Engagement

Communities of Developers and Citizens, civic tech, Data Journalism







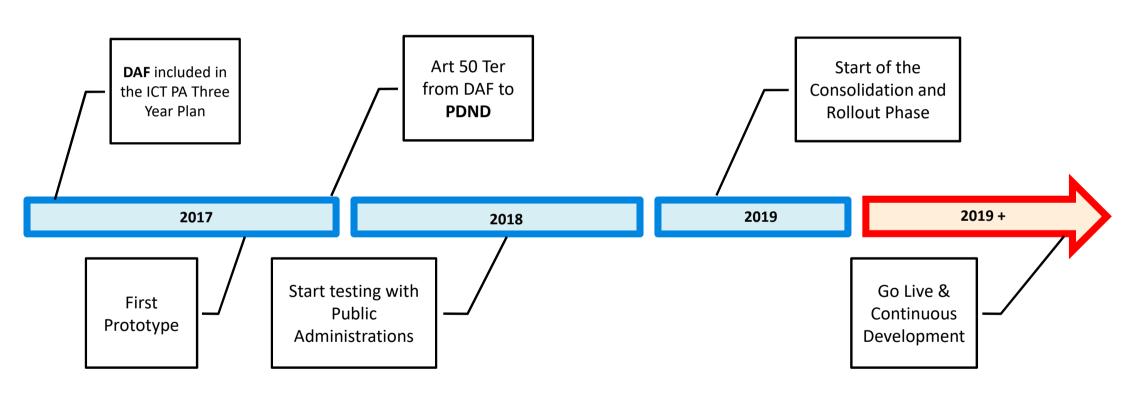
CAD (Code for Digital Administration) article 50-ter

Introduces the **Piattaforma Digitale Nazionale Dati** (*National Digital Data Platform*) and the mandatory provisioning for trategic data sets.





History and Roadmap

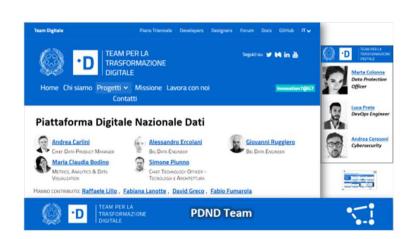




PDND e SaaS : PDND as a Service

PDND adopts the application software distribution model as a Service (SaaS). The Digital Transformation Team is responsible for its maintenance, support and development. This simplify the duties a Public Administration must follow, in the management and sharing of **Public Data**, to make them "good" and "valuable" Data.







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PDND e SaaS: PDND as a Service

Technology & Services



Data Lake & Data Hub

Private front-end

Public front-end

CKAN

Developers, Designers, Docs Communities

Technology

Open Source

Docs

Forum - Slack

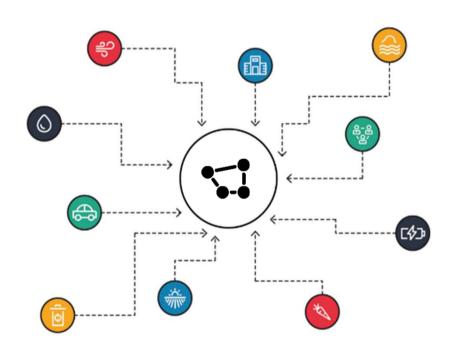
Linked data







PDND as Data Hub



Problem Addressed

Complexity in the acquisition and redistribution of Data, in conformity with Data Protection and Security Regulations (GDPR)

PDND is a secure and standardized framework for the acquisition, control and redistribution of data. It uses a Catalog and Onthology Service, and segregates Data into Organizations, Roles and Access Groups

Example

The Anti-Corruption Authority (ANAC) must collect data related to tenders from many public administrations. After normalizing and filtering them, it must share the results with many other public administrations



OpenData as-a-service







Problem Addressed

Open Data platform as a service Branded version of the PDND

DCAT_AP-IT by default

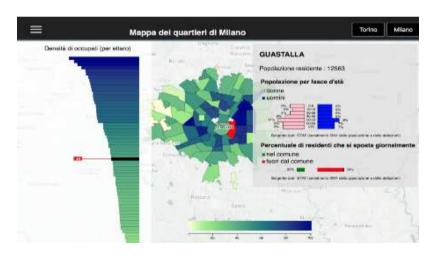
Example

The Municipality of Turin has configured the PDND DataPortal to appear as their "Open Data Portal", where all searches retrieves only results from their DataSets





Analytics as-a-service



SuperSet Dashboards & Data Applications

Problem Addressed

PAs needs to aggregate and analyze their data and create Dashboards to support their decision making processes.

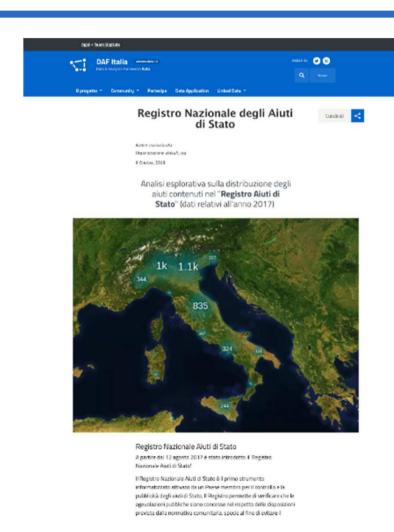
it is provided as a simple but effective set of software for data aggregation and exploration

Example

City of Milan: through the creation of a data application showing geographical maps with various key performance indicators, aimed to support the planning of investments in the territory



Data stories / Storytelling



Problem Addressed

Pubblic Administrations needs to communicate with citizens using data. PDND is a Data Storytelling service

Example

From the data of the Inventory of National Enterprise Incentives we created a Data Story telling where founding has been distributed. Graphs are taken from the PDND superset widgets and are dynamically updated as soon as new data comes into the platform.

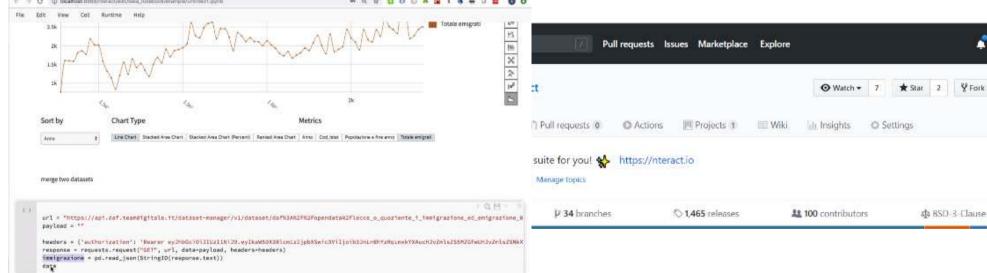
OpenAPI & 3rd Party Tools for DataViz, BI, Analytics





Example

Public Administrations that already have commercial tools for Data Viz, BI or Data Science, can connect directly to the PDND DataSets using our Web APIs

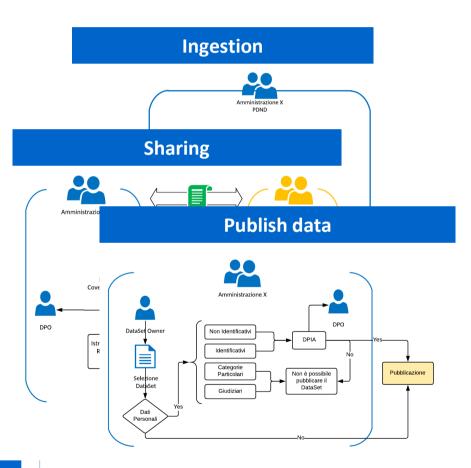




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Personal Data Protection Rules / Privacy by Design



Problem Addressed

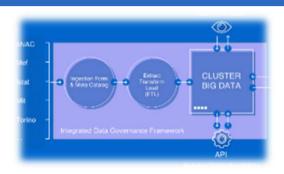
Support the Public Administration in the compliancy with GDPR

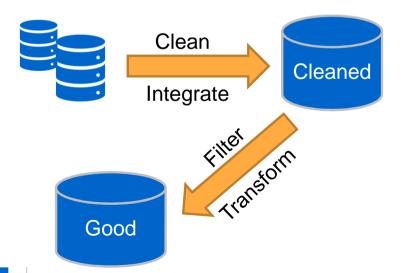
How

Implementation of **Data Protection Impact Assessment Forms** in the Ingestion and Data
Sharing processes

Link impact assessments to every DataSet that contains personal data

Data Governance Enhancement Data Quality Services





Problem Addressed

Data Quality

How

Implementation of an integrated Data Governance Framework that takes advantages of Standard Catalogs and Onthologies to create data quality control services to seamlessly identify personal or sensitive information

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in @company/teamdigitale





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Contatti

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PACE SACE PROTOS DE LA COMPANION DE LA COMPANI

HANNO CONTRIBUITO: Raffaele Lillo, Fabiana Lanotte, David Greco, Fabio Fumarola

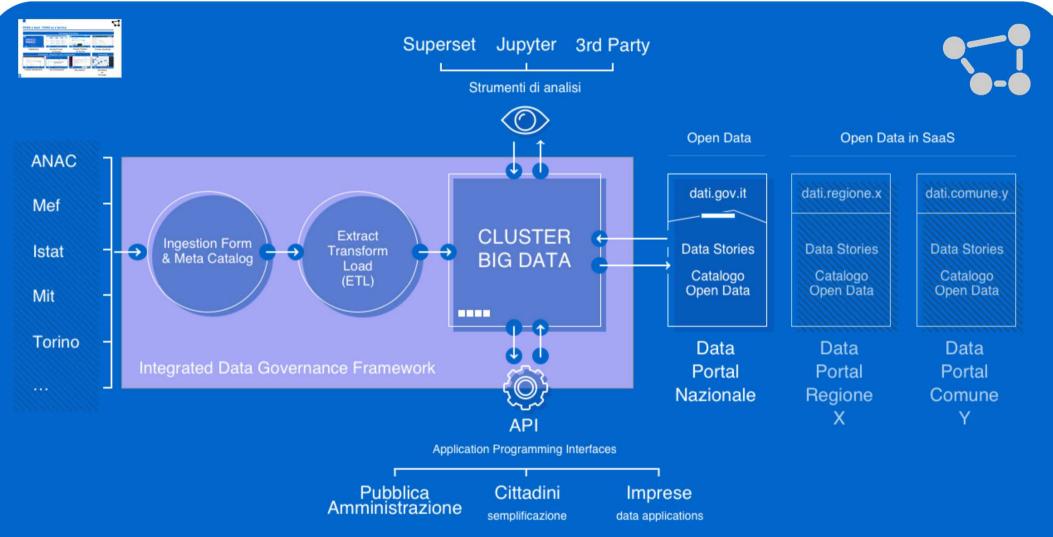




TEAM PER LA TRASFORMAZIONE DIGITALE

PDND Team



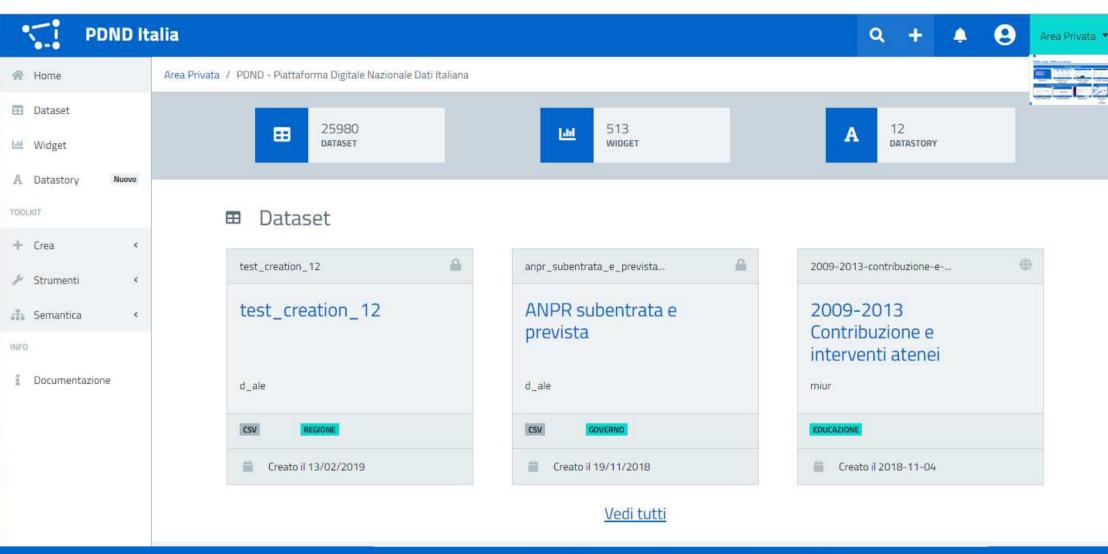






Data Lake & Data Hub Platform









Private DataPortal https://dataportal.daf.teamdigitale.it/#/private





PDND Italia

versione alpha 1.0

Q

Area Pubblica 🕶

Il progetto ▼

Getting started

Community *

Data Application

Linked Data *

Esplora gli opendata

Cerca tra i dataset, i widget e le storie basate su dati opendata della pubblica amministrazione italiana

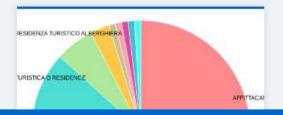
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Cosa stai cercando?

oppure

Esplora per categoria

A Datastory











TEAM PER LA TRASFORMAZIONE DIGITALE Public DataPortal https://dataportal.daf.teamdigitale.it



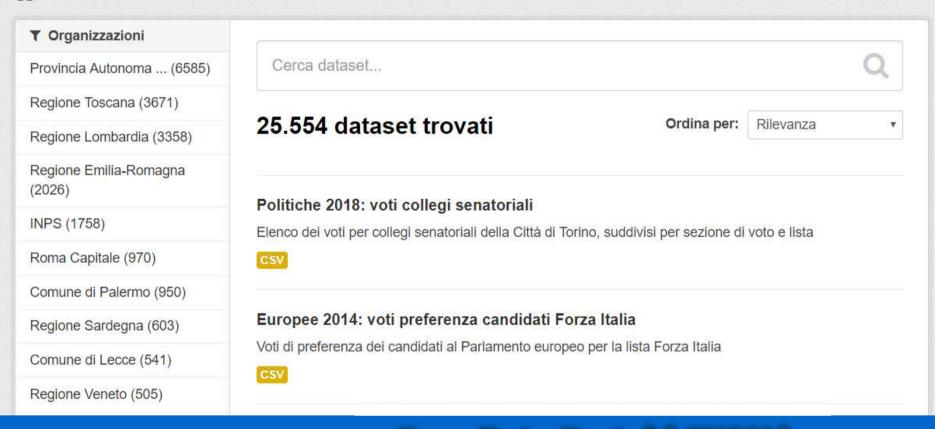
Iscriviti

Informazioni

Cerca



A / Dataset



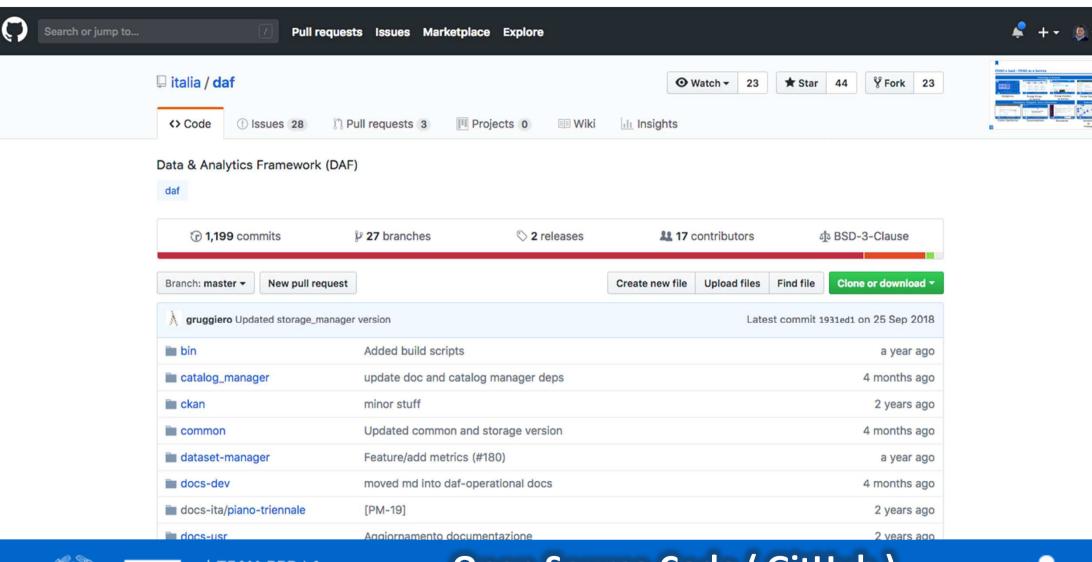




TEAM PER LA TRASFORMAZIONE DIGITALE

OpenData Portal (CKAN) https://ckan-geo.daf.teamdigitale.it









Open Source Code (GitHub)

https://github.com/italia/daf





Project: <u>Data & Analytics Framework</u>

Administration: italia

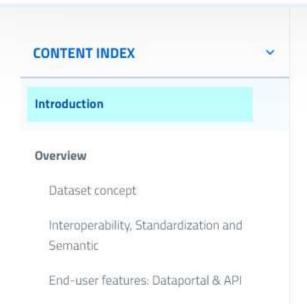
Search in Document...











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Data & Analytics Framework (DAF)

- Developer Documentation



NOTE

This documentation refers to the Alpha version of the DAF (released in October 2017) and it is daily updated and improved. For comments and enhancement requests about the documentation please open an issue on



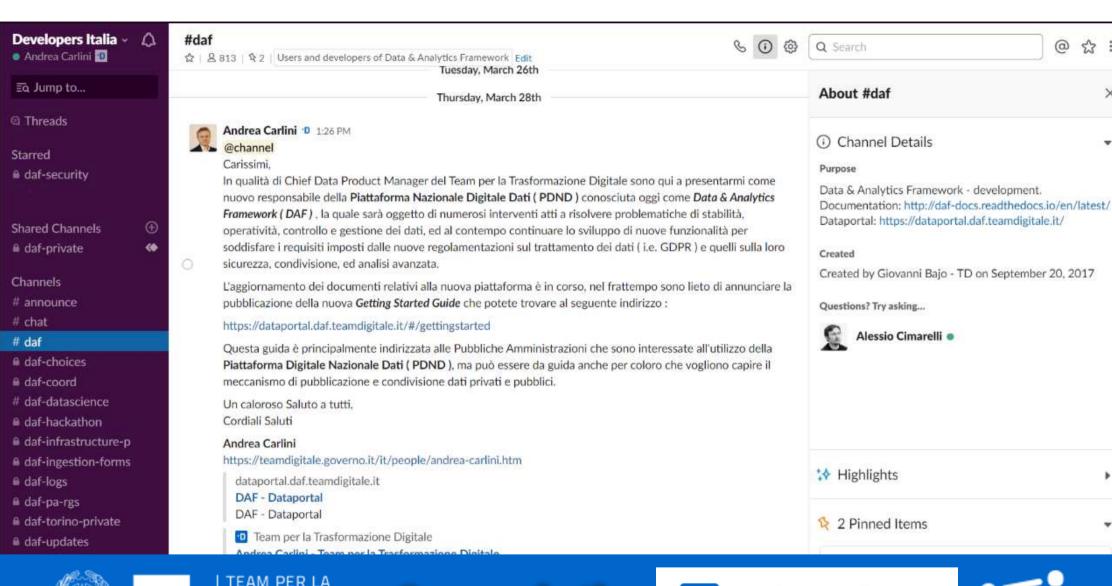




How DAF helps Open Data

TEAM PER LA TRASFORMAZIONE DIGITALE Docs, Processes, Procedures https://docs.italia.it/





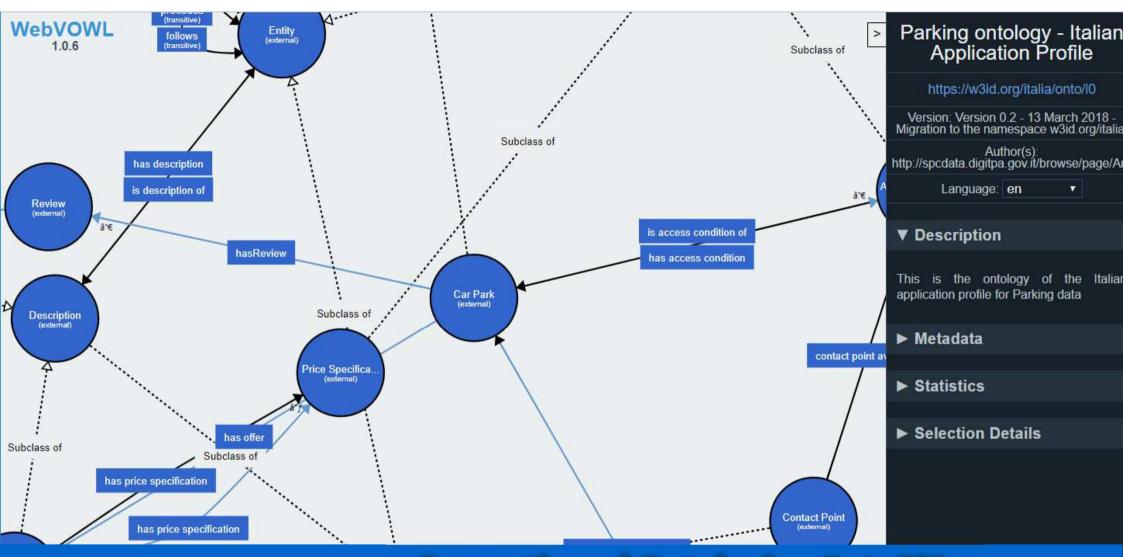




Communication











Semantica ed Ontologie: OntoPiA https://ontopia.daf.teamdigitale.it/webvowl/

