domina
data management

NEXT.data
Tool for data flow management

NEXT.data

*The **NEXT.data** is a solution developed by **Domina SRL** for the data management, extraction, anonymization and sharing with third parties. It is built upon different modules to make possible **a better flow among collection, storing, transformation, sharing and anonymization of data.***

NEXT.data architecture encompasses the following modules:

Multiple data collector to gather data from heterogenous sources and formats (including legacy systems);

Anonymizer compliant with know-how protection by avoiding business information leakage. Already integrated with external third-party services (e.g. anonymization service of personal and sensible data compliant to GDPR regulation);

Data transformation module merges and converts data into a standard format (e.g. JSON) and stores them into an open database (SQL and NO-SQL, e.g. Mongo DB). Also, commercial DBMS (e.g. MS-SQL and Oracle) are supported;

Adapter module collects data from different sources (e.g. different file format, RESTful APIs, database connection pool) and make them available for any type of service: e.g. analysis by means of AI engine, blockchain services, GUI for data entry and inspection, front-end and back-end modules, DSS service;
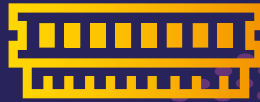
Authentication and authorization service based on Keycloack.

NEXT.data

NEXT.data tool can be deployed as docker container(s) depending on the available infrastructure and scalability requirements.

Minimum hardware requirements for the deployment are:

8GB of RAM

2 virtual CPU

Credits

Domina NEXT.data tool has been designed and developed thanks to the experience gathered during past FP7 and Horizon2020 projects.

Contact