

HOW MUCH DO YOU KNOW ABOUT HIGH PERFORMANCE COMPUTING? AND ITS MODERNIZATION?

L'HPC

The high performance computing is the term used to talk about technologies used by cluster computers to create processing systems capable of providing very high performance by resorting to parallel computing.

HOW HAS HPC CHANGED OVER TIME

let's have a look to HPC's journey through time and new technologies



The DYDAS project involves the creation of a platform capable of handling large volumes of dynamic data, enabling the public sector and industry to benefit from large-scale data analysis

DYDAS promotes the sharing and re-use of public and private data in a secure environment and works towards an innovative monetization mechanisms

DYDAS platform is equipped with HPC-enabled services based on Big Data technologies, machine learning, AI and advanced service.



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2006 birth of the first HPC platform with modern architecture



It combines scalability in data, processing and transfers. General purpose, based on specific programming patterns

Highly scalable, the platform has a linear overhead scaling model

2014 HPC evolves in the patterns of use



It abstracts the underlying technology. We move from the architectural focus to the application one. Maintains highly scalable paradigms.

2015 extremely specialized platforms are developed in the application field



They scale horizontally (hardware) and vertically. They integrate with traditional HPC systems. They totally abstract the underlying HPC.




DYDAS is based on the creation of a digital platform capable of handling large volumes of dynamic data, enabling public sectors and industry to benefit from large-scale data analysis and to promote the sharing and reuse of public data/information and privately securely.

**TRY THE
DYDAS
PLATFORM**

DYDAS is a digital platform that allow transactions to be made to access data and value-added services through the use of High Performance Computing (HPC) systems based on Big Data, Machine Learning (ML), Artificial Intelligence (AI) and advanced data analysis.

WWW.DYDAS.EU



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**DYNAMIC DATA
ANALYTICS SERVICES**

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