Mi²i "Materials research by Information Integration" Initiative
情報統合型物質・材料開発イニシアティブ

Login Japanese English

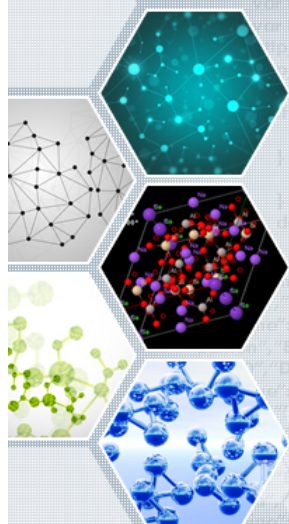Database API   Tools   Cluster system   Cloud system   Usage guide   Reference

MI2I Data Platform is an infrastructure to accelerate the research and development of novel materials.

It provides the accumulated enormous materials database and the tools of big data analytics, which are based on state-of-the-art data-driven methodologies in information science.
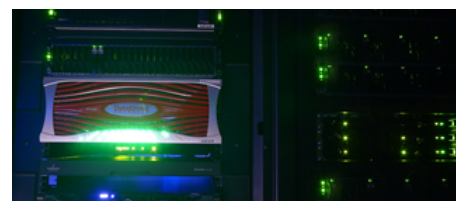
Database API

Providing the world's largest materials database "MatNavi" for data mining, machine learning, artificial intelligence (AI) and so on via API.

Tools

Providing the tools to perform machine learning, data analysis and simulations.

Cluster system

This is high performance computing for first-principle calculations, analysis and simulations.

Cloud system

This system is private cloud for users who want to customize by themselves.

Usage guide

If you wish to use our DPF system, please be sure to read through our rules and apply forms.

Reference

Useful websites related to organizations, materials research and machine learning.

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