Informatica

Data Sheet

Informatica INFACore

Empower Low-Code Developers to Build Robust Data Applications

Artificial Intelligence (AI) is the greatest opportunity of our time. However, AI and analytics are data-hungry processes. Their success depends on getting value out of the high volume and veracity of data coming from various siloed data sources.

Low-code developers, like data engineers and data scientists, play a key role in harnessing the value of data by building data-driven applications. Although there are several options to build data applications, it's not an easy task. Data engineers and data scientists often grapple with data management challenges like accessing relevant data, data cleansing and standardization, platform scalability, complexity and maintenance issues.

Informatica's Intelligent Data Management Cloud™ (IDMC) is designed to help businesses innovate with their data on virtually any platform, cloud, multi-cloud, distributed cloud and multi-hybrid. Our comprehensive, cloud-native and AI-powered platform is the one-stop destination for data-driven business transformation.

To further help the low-code developer community, Informatica has abstracted the complexities and simplified data management with its innovations to create Informatica INFACore. A service of IDMC, INFACore enables developers to use their favorite programming language or IDE, without any context switching.

INFACore is the industry's first open, extensible and embeddable intelligent headless data management component of IDMC. It radically simplifies the development and maintenance of complex data pipelines and data management tasks, turning thousands of lines of code into a single INFACore function.

Key Benefits

- Design robust data applications independent of any cloud ecosystem or programming language
- Boost developer productivity with software development kits (SDKs) and extensions for popular integrated development environments (IDEs)
- Leverage rapid prototyping with out-of-the box features for complex data integration tasks
- Provide maximum reusability of data assets and promote better collaboration between data teams
- Integrate third-party data source drivers easily
- Optimize cost and improve resource utilization

Democratize Data Management with an Open and Headless Framework

INFACore provides a seamless way to access IDMC capabilities within third-party applications. For instance, developers can leverage native high-performance connectivity options available within IDMC, without worrying about the maintenance, security, performance and other advanced options.

INFACore also provides developers the freedom to design data applications as needed, without any constraints or context switching.

Provide Compute Extensibility to Third-Party Applications

Many third-party applications are constrained by the infrastructure to handle large volumes of data. INFACore provides a unique capability to extend third-party applications to leverage compute environments currently offered by IDMC. This includes secure agent, advanced serverless, elastic and more. Now third-party applications do not need to worry about managing the lifecycle of the jobs, compute needs, concurrency, scheduling, etc.

With this capability, customers can seamlessly use INFACore within their application and execute data management jobs by using the compute infrastructure outside of the application context.

Scale by Embedding IDMC With Virtually Any Application

INFACore's embeddability enables both the design and run-time to be available within third-party applications. This allows the third-party applications to manage the compute infrastructure and lifecycle of the INFACore function executions.

This also allows INFACore to be seamlessly integrated with cloud ecosystem services and products.

Provide Secured Access With the API Layer

INFACore is a headless way of accessing IDMC's capabilities using application programming interfaces (APIs). The APIs exposed by INFACore help in securely accessing the fine-grain capabilities. Plus, the API layer enables the ability to integrate with third-party applications.

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Simplify Access Using Native SDKs

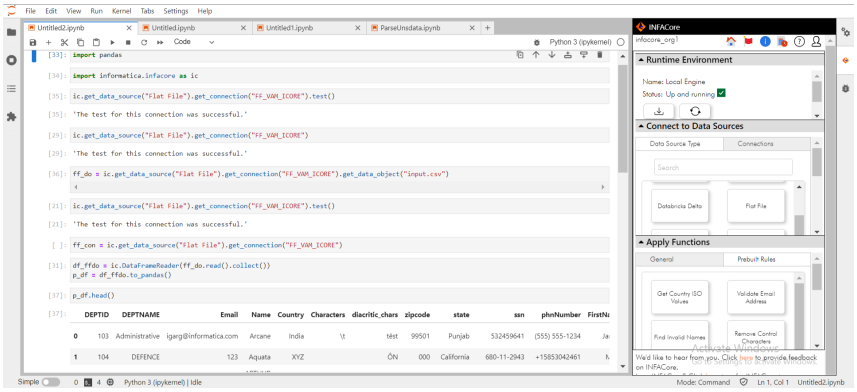
INFACore also offers SDKs, or wrappers, for popular programming languages. This enables developers to easily access IDMC's capabilities as functions within their program, without having to be knowledgeable about the underlying API service. SDKs provide a native way of integrating with programming languages.

Enhance Developer Productivity With IDE Plug-ins

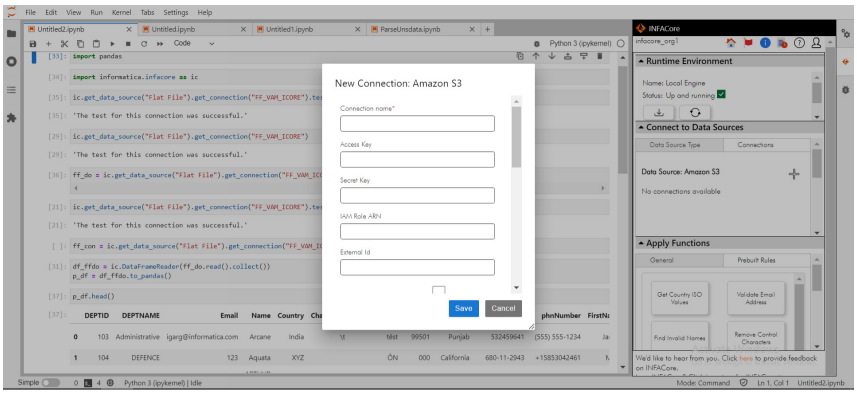
INFACore offers intuitive IDE plug-ins and extensions to help developers quickly code without having to refer to documentation or remember functions and arguments. This provides users with a blended no-code UI to auto generate and ensures best practices in coding.

How Informatica INFACore Simplifies Complex Data Management for Data Science Use Cases

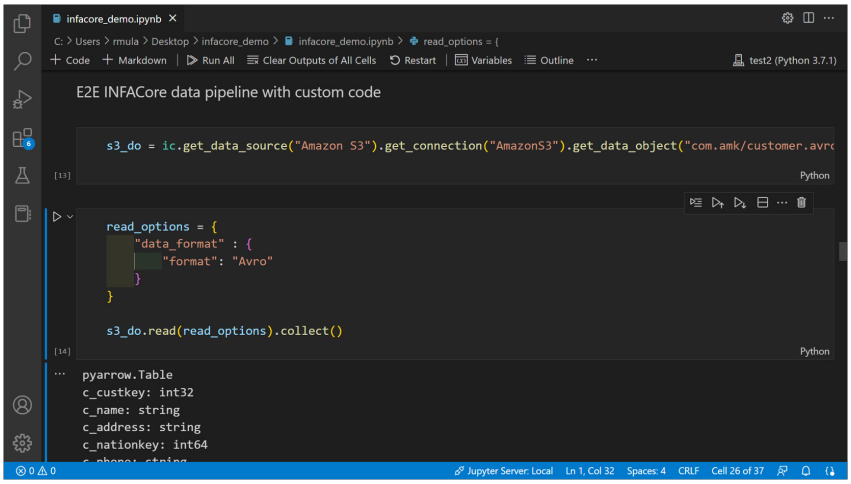
1. INFACore provides out-of-the-box options for accessing data using native connectors, simple functions for advanced data transformations and pipeline needs.



2. With INFACore, developers do not need to refer to documentation to use a particular capability. Instead, the plug-in (a Jupyter lab extension in this instance) can capture user intent and auto write the code based on their needs. INFACore also supports regular autocomplete capabilities.



3. INFACore requires no context switching. Its SDK is independent of the developer IDE, so you can use it virtually anywhere.



INFACore Python SDK used within Visual Studio Code.

Empower Low-Code Developers to Build Robust Data Applications

Democratize Data Management

INFACore enables the democratization of data management activities to virtually every low-code developer, irrespective of their technology stack. Developers can access INFACore from their favorite IDE and programming language without any context switching.

Reduce Maintenance Costs of Data Applications

Since it is independent of cloud ecosystems and programming languages, you can easily port INFACore to other ecosystems as needed. With INFACore, developers do not need to worry about maintaining third-party drivers or libraries for performing data management tasks.

Improve Efficiency of Data Teams

INFACore provides maximum reusability to optimize performance, reduce the learning curve and provide out-of-the-box options for complex data management tasks.

To see a preview of INFACore, **complete this form.**

At Informatica (NYSE: INFA), we believe data is the soul of business transformation. That's why we help you transform it from simply binary information to extraordinary innovation with our Informatica Intelligent Data Management Cloud™. Powered by AI, it's the only cloud dedicated to managing data of any type, pattern, complexity, or workload across any location—all on a single platform. Whether you're driving next-gen analytics, delivering perfectly timed customer experiences, or ensuring governance and privacy, you can always know your data is accurate, your insights are actionable, and your possibilities are limitless.

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