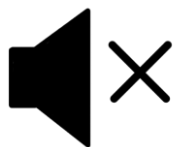


Nov 07, 2023

Unlocking the Power of INFACore: A High-Level Overview and Usage Demo

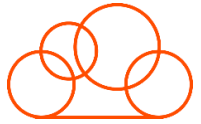
- Ananya Venkat, Solutions Architect, CSA

Housekeeping Tips



- Today's Webinar is scheduled for **1 hour**
- The session will include a webcast and then your questions will be answered live at the end of the presentation
- All dial-in participants will be muted to enable the speakers to present without interruption
- Questions can be submitted to "All Panelists" via the **Q&A option** and we will respond at the end of the presentation
- The webinar is **being recorded** and will be available on our [Success Portal](#) - where you can download the **slide deck** for the presentation. The link to the recording will be emailed as well.
- Please take time to complete the **post-webinar survey** and provide your feedback and suggestions for upcoming topics.

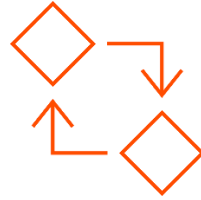
Feature Rich Success Portal



Bootstrap trial and
POC Customers



Enriched Customer
Onboarding
experience



Product Learning
Paths and Weekly
Expert Sessions



Informatica
Concierge



Tailored training and
content
recommendations

More Information



Success Portal

<https://success.informatica.com>



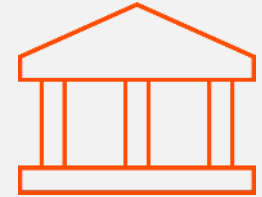
Communities & Support

<https://network.informatica.com>



Documentation

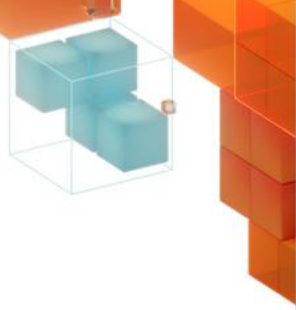
<https://docs.informatica.com>



University

<https://www.informatica.com/in/services-and-training/informatica-university.html>

Product Safe Harbor Statement



The information being provided herein is for informational purposes only. The development, release and timing of any Informatica product or functionality described herein remain at the sole discretion of Informatica and should not be relied upon in making a purchasing decision.

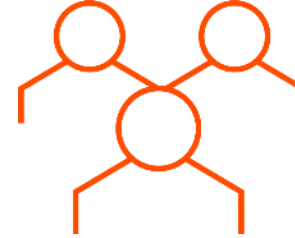
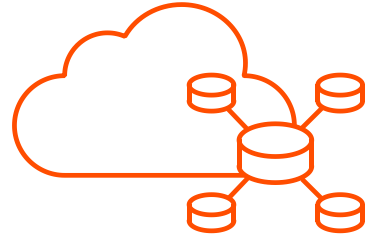
Statements made herein are based on information currently available, which is subject to change. Such statements should not be relied upon as a representation, warranty or commitment to deliver specific products or functionality in the future. Actual products, services or functionality may differ materially from those expressed or implied as a result of various risks and uncertainties. For more information about some of these risks, please review the company's SEC filings, including the section titled Risk Factors.

Agenda

- Why INFACore?
- What is INFACore ?
- High Level Architecture
- Components – Installation Steps
- Demo on Usage
- Next Steps

Trend – Everything is Data driven

Modern Enterprises need robust data driven applications to get value out of data



Data Diversity
(mobile, social, IoT)

46 billion
connected
devices

**Accelerated Cloud
modernization**

Over 94% of data
center **traffic**
will come from
the **Cloud**

AI & Automation

50% of Organizations
are planning to
incorporate the use
of **AI and
automation**
technologies in 2023

New users

500 million
business data
users

**Explosion in
Data Volume**

128 zettabytes
of data by 2025

Types of Developer Persona

Data Management development Methodologies – Our POV

No Code

- GUI Based IDE
- Drag & Drop
- Good support for standards and Nonfunctional aspects such as governance, metadata etc
- Prebuilt options/ features
- High degree of backend encapsulation & limited/no customization

Needs presentation Layer

Low Code

- Rapid Application Development – Quick Coding
- Reusable/customizable Templates to get started.
- Support Programming Best practices OOTB – CI/CD, Versioning, Automated testing, documentation etc
- Customization possible as & when needed

Don't require any presentation layer (not mandatory) leverages range of supported IDEs

Hand code

- Full fledged programming
- Free to code & build custom framework
- Implementation of nonfunctional/Functional requirements require coding

Challenges

No code users

PERSONAS

Low code users

Key Challenges

- Productivity
- Maximum reusability
- Rapid prototyping
- Efficiency
- Built in governance & documentations
- Ease of maintenance
- OOTB Options
- Lot of Context switching/integrations

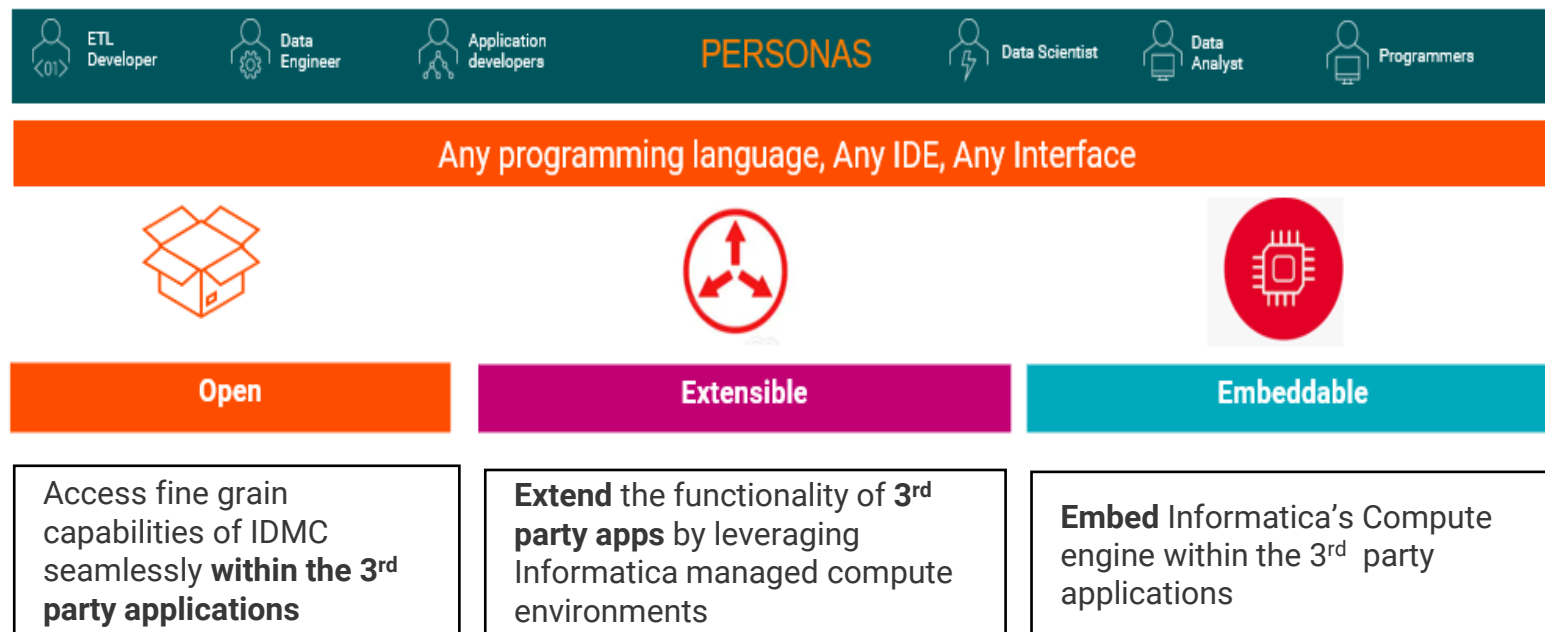
No pervasive platform to support the needs of all data personas in a data driven enterprise

What is INFACore?

- Simple open, extensible and embeddable intelligent headless data management component of IDMC
- Takes all the innovations, simplification, abstraction, rich features/functionalities of our IDMC platform to the developers (coders) so that they can use IDMC capabilities within their programming language/interface without any context switching.
- IDMC solution available as a low-code data management plug-and-play framework that you can seamlessly integrate into your development environment.
- INFACore enables AI-powered data management capabilities and empowers your application to consume, transform, and prepare data from any source within your development environment.

Overview and High-Level Architecture

An open , extensible ,embeddable framework for democratization of data management for all developers and all data driven applications.



Use cases	
Direct	In Direct
Used directly within the program	Embedded within the application/product (OEM)

Components Used

- **INFAcore Jupyter Lab Extension(JLE)** - Provides interactive controls for the user to use INFAcore functionality
- **Python SDK** - Collection of Python API's which provides programmatic access to INFAcore Functionalities.
- **Apache Arrow** is a cross-language development platform for in-memory data.
- On execution of any INFAcore Jobs, Python SDK will trigger the INFAcore Microservice which in turn will call the IDMC SAAS Services.

Usage Demo

Next steps

➤ Steps to get started

1. Sign up link for Trail <https://marketplace.informatica.com/forms/INFACore-trial.html>

You will receive a welcome email within 24 hours from Informatica Cloud requesting to validate your email address and set password for login. Please validate your email address and set the password for login

2. Please download the INFACore Jupyter Lab extension/Python SDK from marketplace

https://marketplace.informatica.com/listings/cloud/solutions/INFACore_Python_SDK_and_Jupyter_Lab_Extension.html

You can use just the Python SDK if you are using any other IDEs

➤ YouTube Video links

1. Overview - <http://bit.ly/3kby7bD>
2. Installation - <http://bit.ly/3RXV3Yd>
3. Using Data Sources – <http://bit.ly/3YvhSEY>
4. Using Functions - <http://bit.ly/3xpC9Qw>

➤ Resources Links

1. Blog - <https://www.informatica.com/blogs/introducing-INFACore-discover-how-informaticas-data-management-capabilities-empower-low-code.html>
2. Overall documentation : [INFACore | Current Version \(informatica.com\)](https://www.informatica.com/infacore/current-version)

Thank you