CODE FLOW

"Codeflow offers an easy to use visual integration platform for on-premise or cloud-based data sources and applications"

Codeflow is agile, robust, and purpose-built for the next-generation application and data integration requirements. Integration becomes cumbersome to maintain processes when multiple applications or services are wanting to talk to each other. Codeflow helps its users in connecting with dozens of Data sources, Service vendors, CRM applications while automating data ingestion and normalization from all these sources. The visual canvas maintains a clear view of the business logic at any point. With pre-built packages, users can create a robust integration bridge between each of the desired data sources which in turn helps in utilizing time and resources efficiently. To summarize, you can instantly connect to the databases, services or applications and automate the processes of data transformation, mapping, and consumption, all within a visual canvas.

Codeflow can run on any cloud platform (AWS, Azure) or cloud-native platform or even on a small ARM machine-like Raspberry Pi. Codeflow's visual designer or the IDE is downloadable for all major operating systems. The package repository is tightly coupled with its IDE to help the users search and install the required packages. A user can publish a new package to the repository for sharing business logic/module within a team or the community. As an extension of this feature, Codeflow offers locally hosted or on-premise private repositories for businesses to maintain internal packages. Our current package repository hosts a vast array of packages that helps the users easily connect to multiple data sources (Oracle, MySQL, PostgreSQL etc.), applications (Salesforce, Firebase, Twitter) and API endpoints.

Easy to use Integration Interface

The visual designer helps the user to seamlessly design and choreograph a collection of services. This can be SaaS applications or SaaS to on-premise systems, or even the applications hosted on different public and private clouds. The designer is exceptionally easy to connect applications or services by just dragging and dropping modules from a rich set of packages into the canvas and wire them together.

Data Mapping with inline Methods

For transforming data from one service to another, Codeflow has a simplified data mapping interface that becomes more powerful with the use of inline methods. This is helpful when a user is working with heterogeneous systems where data needs to be reconciled between each of them. The inline methods can be extended along with any added package, which allows the package developer to offer methods that are tightly coupled with each published package.

Visual interface for Debugging and Testing

Every flow can be executed individually with the click of a button and makes the process of testing much faster. The debugger mode shows the execution path in the flow, it's visually represented to show how the current instance handled the input and controlled the step transitions.

Swagger API Support

Almost all the businesses are relying on API's one way or the other for application development, and these API's are easily consumable and reusable. Users can create flows connecting to any service that supports the Swagger specification (one of the industry's leading API standards) without writing a single line of code. The REST package creates an API catalog once the specification is loaded. This will create a unified experience for the user if there are multiple APIs to communicate with.

Native Scripting Support

Codeflow supports native scripting in Node.js and Python, which helps the user to implement a custom business logic, like data manipulation, transformation, or an algorithm. This can also be used in situations like a user who wants to call an ML library in Python and use its output inside the application.

Publish Own Packages

Users have an option to publish custom packages to the community like an integration process or business logic and these packages can be consumed by other users of Codeflow. This will also help a user to maintain consistency across the applications which is reusing a specific workflow. The package manager also supports on-premise repositories for businesses for sharing reusable components across teams.

GENERAL

- Full library with hundreds of integrations (services, triggers, and actions)
- Data schemas
- Data mapping

IDE

- Easy to user, drag-and-drop UI
- Code Editor to incorporate Node.js and Python
- Advanced visual debugger

EDITING

- Linear
- Multi-step flows
- Parallel and branching
- Grouping and recursive flows

PACKAGE LIBRARY

- Hundreds of pre-built integrations
- Additional integrations added on-demand
- Add own integrations and publish to package repository
- Unlimited flows
- Runs on Node.js, with minimal memory foot print
- On premise installer on all major platforms

CONNECT TO 1,000+ PACKAGES

SaaS
- Salesforce
- SAP
- Concur
- Oracle
- Jira

Applications
- AWS S3
- Slack
- Google Drive
- SendGrid
- Paypal
- Twitter
- LinkedIn

BI & Analytics
- Google Analytics
- SAP Analytics
- Microsoft BI

Data Formats
- JSON
- XML
- Flat text
- JavaScript
- Python Scripts
- HTML

Data Processing
- MQTT
- ActiveMQ
- RabbitMQ
- Kafka

Database
- Microsoft SQL Server
- Oracle
- PostgreSQL
- MySQL
- MongoDB
- Redis
- Amazon DynamoDB
- SAP Hana

Web Services & API
- HTTP Gateway handler
- REST API Client
- HTTP Session Handlers
- Web Socket manager

CODE FLOW

FOR POC & CONSULTATION

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