

DATASHEET

PUT YOUR DATA TO WORK. ANY DEVICE. ANY PLACE.

KEY FEATURES

- Enterprise integration middleware
- Visual integration to third-party REST APIs
- SOAP service integration
- SQL database integration
- Chaining existing REST services
- Multi-endpoint REST services
- Business flows
- API management
- Multi-protocol authentication support
- On-premise and cloud-based deployment options

KEY BENEFITS

- Easily integrates with legacy enterprise systems and cloud services
- Satisfies aggressive schedule requirements
- Meets the needs of both IT and business users
- Provides enterprise security
- Flexibility in configuration and deployment
- Lowers costs and increases developer productivity

APPERY.IO API EXPRESS

Appery.io API Express enables enterprises to easily and securely integrate apps with any back-end system. With additional features like offline synchronization included, Appery.io raises the bar as the most complete platform for the development of mobile and responsive apps.

As responsive mobile and web apps become more important for customers and employees, the need to connect these users with enterprise assets and services becomes paramount. However, the best way for apps to be connected is through REST APIs. Rewrite everything from the ground up as REST APIs? No. Use API Express instead to seamlessly integrate your legacy assets easily and cost-effectively.

Get an API quickly when you need one. Take existing enterprise assets and roll them out as REST API services instantly. Need to present the same asset in different ways through different APIs? API Express fills the gap. With its ease of API creation, you have complete flexibility and quickness in implementing your API strategy.

Integration

SQL Databases

Easily expose any SQL database query as a REST service, using Oracle, Microsoft SQL Server, MySQL, PostgreSQL, etc. Connect to any SQL database for CRUD operations (create, read, update, and delete). Use the full power of SQL inside a REST service by just specifying a few connection parameters.



SOAP Services

Instead of rewriting an existing SOAP-based web service, use API Express to present it as a mobile-ready REST service. No conversion necessary. Continue to run the SOAP service and, with a WSDL file and a few configuration parameters, it can easily be integrated into mobile apps as a REST service.

Existing REST Services

Expose an existing REST service as a new REST service for security or functional purposes. A single-endpoint REST-to-REST service can be used to “alias” a REST service in case you change the endpoint, to limit the scope of access to the endpoint service, or even to provide a set of different “windows” into the endpoint REST service for different uses or users.

Multiple REST Services

Expose multiple existing REST services as a new REST service for security or functional purposes. Aggregate several REST services together as a new API. API Express makes the orchestration process as smooth as it can possibly be. Make “mashup”-style APIs drawing from a variety of sources for many purposes.

Business Processes

Use a flow-chart metaphor to combine different enterprise assets and expose them as a REST service. Easily combine building blocks for REST services, JavaScript code, and mapping output from other blocks along with building blocks for conditional testing and multi-processing — all within Appery.io’s famed visual, yet powerful, interface.

API Management

REST API services created through API Express allow you to control and monitor access to your assets by creating a “RESTwall” for the assets. The Appery.io platform provides security and metering of API use. The API Express configuration tool includes a variety of options for validation, filtering, and mapping to control exactly how you expose your assets for use. And, it fits well into third-party API management platforms.

Security

Appery.io Database Authentication

Easily configure tight security for your API service using our platform’s authentication server. Take advantage of roles and permissions to fine-tune security for your service. Use an API service to flexibly narrow or broaden access to an asset. Build on this to easily add features like Single Sign-on.

3d-party Authentication

Use any 3d-party authentication system in place of the platform’s. LDAP, OpenID, your own database, custom coding in Java and JavaScript...any alternative authentication system can be plugged in. Take advantage of the system that suits your needs best.

Deployment

For complete control, install API Express behind your own firewall. Our team stands ready to assist you in smoothly implementing your API Express. Our onsite install can support clustering and limits.