

/ Unify Data Models / Federate APIs / Integrate Faster

RepreZen API Studio is the first enterprise-class API design platform, built from the ground up to meet the demands of large-scale integration programs.

Integration accounts for 20-30% of IT Spending

IT Systems converse in structured data. RepreZen API Studio provides a language for modeling data structures and APIs that use them, and provides tools to standardize, share and connect these models across federated services, enabling high interoperability and integration efficiency.

RepreZen API Studio cuts integration cost and development time up to 80% by aligning system interfaces to a shared data model

Maximize Developer Throughput

- Bring API design into focus with a powerful & expressive design language
- Work in a first-class IDE, featuring advanced editing, real-time API visualization, and integrated code generator with customizable templates

Canonical data model realization allows a single data model to adapt to the specific needs of each service

Standardize for Interoperability

- Start with the assets you already have: XML, JSON or database schemas
- Adapt shared data models to the specific needs of the API with innovative Canonical Model Realization

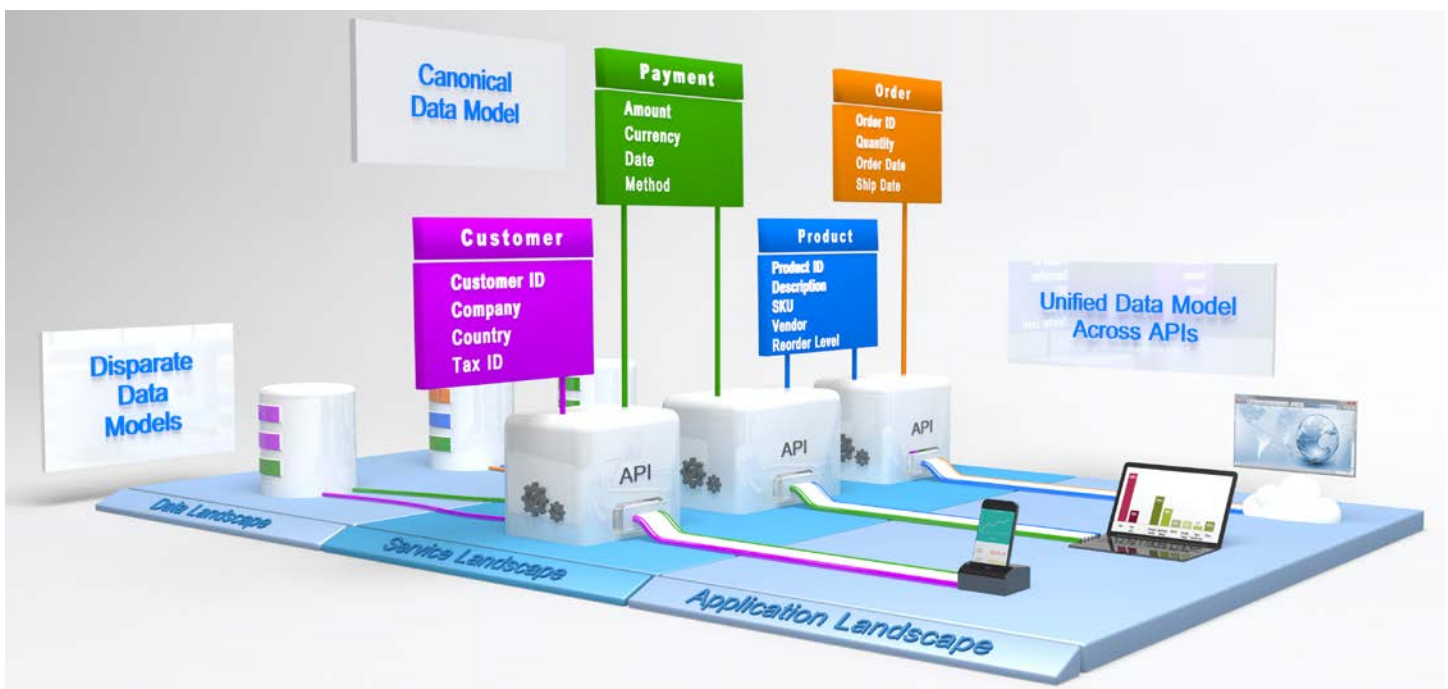
Engage API Clients and Cross-Functional Teams

- View your API with the only dynamic API visualization, providing an intuitive graphical view of API structure, data, navigation and functionality
- Allow client developers to test your API design using generated mock API
- Deliver a beautifully packaged API to client developers, complete with documentation, diagram, and generated client code

*Stop runaway spending on remedial integration technology
Standardize data interfaces, solve the problem at the source*

Dramatically Lower Integration Cost

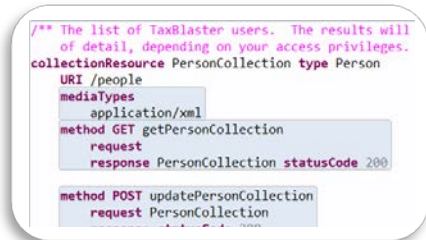
- Accelerate the development lifecycle with adaptable, reusable data models
- Get solutions to market faster, built from assets that work together



Product Features

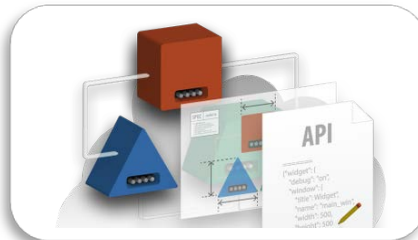
Intuitive Design Language

- Integrated technology-independent, conceptual data modeling language
- Data-aware API model infers hyperlinking, embedding, parameter binding and example messages
- Innovative *optional fluency* allows choice of coding style



Code Generator Framework

- Pre-built generators for common API description formats, XML and JSON schemas, & scaffolding code
- Generators for dynamic diagram, interactive documentation and mock service, deployment-ready
- SDK allows custom code gen



First-Class Editing Experience

- The richest IDE available for any API description language: code assist, templates, refactoring, auto-format, syntax highlighting, real-time validation, and outline views
- Install as a standalone API design workbench, or Eclipse® plug-in



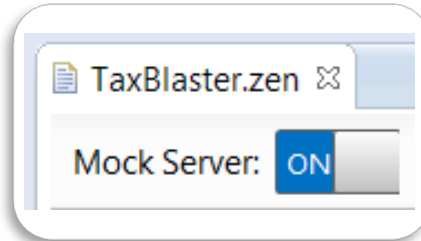
Canonical Data Modeling

- Import from ER or UML models, JSON or XML Schemas
- Share models from any HTTP repository to build APIs that speak the same language
- Unique *canonical model realization* adapts data structures to your API using property subsets, perspective and contextual constraints



Interactive API Testing

- Specify example request and response messages, or specify example data and let RepreZen generate example messages
- Test the generated mock API implementation in real-time from the RepreZen API Studio environment
- Package and deploy your mock service for collaborative testing



Live Diagram and API Docs

- API diagram visualization gives immediate feedback as you design
- Expand and collapse to show the right level of detail for any audience
- Live documentation gives client perspective, with descriptive text and API structure



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About RepreZen

RepreZen has redefined API Management in complex ecosystems, helping businesses in the financial services, technology and government sectors address the challenges of large-scale data integration and enterprise service-oriented architecture. RepreZen solutions enable data standardization, simplify API development processes, facilitate collaboration, accelerate integration, and significantly lower integration costs.