

# Create Application Prototypes in Hours

The simplest and fastest way to deliver complete running software



- Deliver running prototypes in hours and convert business requirements into working software with CA Live API Creator.
- It's not just for wireframes, but also for running systems, databases, logic and user interfaces. It's as simple as a spreadsheet and just as fast.
- Impress your business users with results in hours to get their feedback on the data model and logic. Iterate instantly.
- All you need is in the box. No IDE to install or configure. Just use your browser.

## All the Elements You Need

CA Live API Creator provides you all three things every application prototype needs:

- Database
- Business logic
- User interface

### Database—yours or ours

You can use your existing database or a cloud database created by CA Live API Creator for you. Either way, you are up and running rapidly.

### Business logic—simple as a spreadsheet

Every application requires business logic which typically represents a significant portion of your effort. With CA Live API Creator, you implement your business logic requirements with simple, business-oriented rules. These rules are spreadsheet-like expressions that bind to columns to define how they are derived and validated. Automatic dependency management takes care of all the SQL ordering and chaining. The payoff is that:

- A small handful of rules represents the same logic as hundreds of line of code.
- You operate at a business level of abstraction and so your business users can read these rules as easily as your programmers.

### User interface—automatically

To enable you to share results with stakeholders, CA Live API Creator provides a complete HTML5-based application called Data Explorer with full support for query, update and navigation to related data. With CA Live API Creator you can:

- Create right from the schema—and it is even responsive to schema changes.
- Automatically leverage your logic, so you can run actual transactions via forms to ensure everyone can see how the system actually works.

### Leverage your existing skills

CA Live API Creator is great news for API owners, product managers, business analysts and technical managers. If you understand the requirements and are somewhat familiar with data modeling, you have all you need to create running software with CA Live API Creator.

## Engage Your Stakeholders

Engagement is all about showing instant results to the users, getting their feedback and iterating in real time to complete the prototype—all three steps of engagement:

- Show instant results.
- Make logic transparent.
- Iterate immediately.

### Instant results

Model your data with familiar tools and approaches. Connect CA Live API Creator for a complete user interface. With a UI, most users can spot errors on running forms far better than diagrams. But a customer has multiple addresses.

And then add business logic, as easily as writing an expression in a spreadsheet. With automated SQL and dependency management, you will see meaningful increases in speed—a handful of rules represent the same logic as hundreds of lines of complex code.

### Transparent logic

Instead of long documents and obscure diagrams, show running software. Not only does the running software enforce the logic for real updates, but business users can read the spreadsheet-like rules.

Your collaboration is driven both by running software and “code” they can actually read. This materially increases the chances of building systems that meet user needs.

Your business rules serve as executable requirements—documentation for business users and maintainable/executable code for IT—so the value increases over time.

### Iterate immediately

It's great to engage users, but it's even better to respond instantly to their feedback. Just change the data model—the user interface reflects it instantly.

You can also change the logic. The system automatically re-orders and optimizes it.

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## You Can Be Running Today

Discover the power of CA Live API Creator in a morning thanks to:

- Easy deployment
- Post IDE
- Any database
- Execution transparency

### Easy deployment

CA Live API Creator can be deployed on-premises or in the cloud, so you can connect to existing databases, wherever they reside.

### Post IDE

You do not need to install or configure a complicated integrated development environment with CA Live API Creator. It runs through the browser with no impact on your existing tools.

### Multiple database options

You can use your existing SQL databases and be underway instantly. CA Live API Creator supports Oracle MySQL, Microsoft SQL Server® and Microsoft AZURE™ SQL.

To provide complete logic traceability, CA Live API Creator includes automated logging facilities. These enable developers to walk through every step in logic execution including viewing:

- Inputs
- Rules with before and after values
- Complete SQL
- Any JavaScript events that fired

For more in-depth analysis, CA Live API Creator also includes a JavaScript debugger that enables developers to set break points, evaluate conditions and walk through logic processing.

## Way Beyond Prototyping

You can do more than prototyping with CA Live API Creator. It also gives you:

- RESTful APIs
- Extensions with JavaScript

### RESTful APIs

IT will love that your logic is actually enforced through an enterprise-class RESTful API. This has become the architecture of choice, because:

- Mobile apps are enabled, since REST is a web-oriented API that minimizes latency.
- RESTful APIs are perfect for integrating your system to other corporate systems.

### Extend with JavaScript

While you can deliver remarkable results using declarative point-and-click rules above, they impose no limits on what you can do. CA Live API Creator is architected to enable the full power of server-side JavaScript.

A rich and familiar event model provides a simple way to build additional business logic. And you can use your existing JavaScript and Java™ libraries of existing software. CA Live API Creator brings life to data.

For more information, please visit [ca.com/createapis](https://ca.com/createapis)

CA Technologies (NASDAQ: CA) creates software that fuels transformation for companies and enables them to seize the opportunities of the application economy. Software is at the heart of every business, in every industry. From planning to development to management and security, CA is working with companies worldwide to change the way we live, transact and communicate—across mobile, private and public cloud, distributed and mainframe environments. Learn more at [ca.com](https://ca.com).