

CA Service Virtualization Community Edition



At a Glance

CA Service Virtualization Community Edition is a free and easy tool for any Scrum member's toolbox. This tool can quickly unlock the value of Service Virtualization by intelligently emulating internal or external web services and simulating test environments for continuous availability during the entire Software Development Life Cycle (SDLC).

Key Benefits

- **Decrease test times:** Reduce the time needed to create and run life-like tests, even when an API is not available
- **Test more, test often:** Enable test teams to test more frequently – both happy paths and error conditions
- **Create a simulated version of a service:** Quickly create and consume intelligent virtual services directly on your desktop, for free
- **Sidestep common constraints:** Steer clear of dependencies that affect services like high costs, availability, demand, or in-process development

Key Features

- **Invoke common services:** Create and save transactions by invoking REST APIs and SOAP-based web services
- **Choose approach to creating a virtual service:** Use live traffic recording, API design, RR pairs, or network captures
- **Access one or more services:** Develop and test virtually to verify that an app is working as expected

Quickly and easily create a virtual service

CA Service Virtualization Community Edition is a re-imagined, re-engineered, self-contained edition of CA Service Virtualization that has been optimized for HTTP/HTTPS web services and common protocols, like SOAP, REST, JSON, and XML.

By using Service Virtualization Community Edition, IT teams that are both directly and indirectly involved with application and service development can collaborate on testing.

CA Service Virtualization Community Edition is available as a free, ready-to-use download on the CA Technologies website.

Unlock the value of Service Virtualization

CA Service Virtualization Community Edition, a pared-down version of CA Service Virtualization, allows development and QA teams to simulate test environments to quickly, efficiently, and predictably test components they are working on.

- **Easy virtualization of web services:** Get a simplified testing and service virtualization solution for web services (REST/ SOAP), as a local execution, without having to be connected to any back office.
- **Environments for testing in a snap:** Quickly simulate testing environments, even those that are yet to be completed, and continue development or testing work in parallel.
- **Comprehensive and predictable testing:** Virtualized services provide consistent and predictable responses, allowing developers and testers to focus on the SUT rather than the dependencies.
- **Code/Test against third-party solutions at no cost:** Virtualize third-party (or any other) dependencies that may be impeding development or testing progress.

How CA Service Virtualization Community Edition works

Create a virtual service quickly and easily:

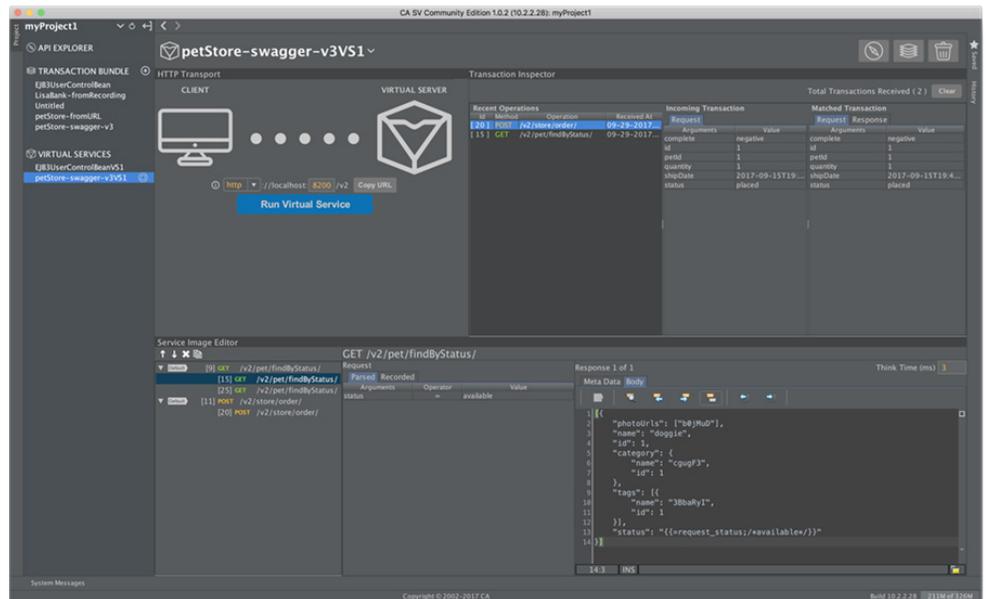
- Use the built-in API Explorer
- Record live transactions
- Use API design specifications (Swagger, WSDL, RAML)
- Use sample data with Request-Response (RR) pairs

Configure virtual services as needed:

- Change the port, copy the URL, enable SSL/TLS, and compare results to show the effect that the data protocol has on requests at runtime

Run the virtual service:

- Send client requests to the virtual service
- Use the monitor pane to view details about the running virtual service for each client
- Run a virtual service from a command line



Virtual Service Editor in CA Service Virtualization Community Edition

CA now provides the same benefits of CA Service Virtualization (for web services), but with a much smaller footprint

CA Technologies provides solutions that focus on shortening the development and testing cycles to increase speed to market, improve quality, reduce infrastructure speed, and mitigate risk.

For another free CA Service Virtualization solution, take a look at CA's CodeSV

Built to look and behave like a typical developer interface, CodeSV is a free, lightweight way for developers to define virtual services and achieve even faster time-to-value.

[Click here to download CA Service Virtualization Community Edition for free](#)

For more information, please visit ca.com

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.