Web Services GENius

Web services for CA Gen applications

Web Services GENius allows you to easily and quickly create Web Services and RESTFul APIs from your existing CA Gen applications, without any change to those CA Gen applications. This allows you to easily expose your core business functionality for consumption by mobile and web applications.

Expose any CA Gen module as a web service

Web Services GENius integrates directly with your CA Gen Encyclopedia so that any existing screen, server, or action block can be exposed as a Web Service or API. This enables existing functionality at any level of granularity, to be quickly customized and exposed as a Web Service or API for direct external consumption by mobile or web apps.

Zero business disruption

Web Services or APIs created with *Web Services GENius* require no change to your existing CA Gen applications. This key feature means that proven application functionality can be confidently deployed as Web Services, and existing CA Gen applications remain unchanged. This means that application data integrity is maintained, and costly regression testing is avoided. For large and complex applications, this capability means that ongoing application support and service availability is not put at risk, when developing and delivering new mobile capability.

Web Services or APIs from your CA Gen applications

The required responsiveness of today's Mobile apps is underpinned by the use of RESTFul Web Services or APIs – which *Web Services GENius* exposes directly from your CA Gen applications. However, many existing internal integrations within an organisation continue to rely upon SOAP Web services, and these are also supported. Both RESTful and SOAP Web Services, or fully compliant RESTFul APIs, can be created from each Web Service definition.

Key benefits

- ✓ Create CA Gen Web Services and APIs
- ✓ No application changes required
- ✓ No additional skills required
- ✓ Customizable WS interfaces
- ✓ RESTful and SOAP Web Services
- ✓ Fully Compliant RESTful APIs
- ✓ Integrates seamlessly with CA Gen
- ✓ Make any action block into a Service
- ✓ Make Servers/Screens into Services
- ✓ Quickly leverage your CA Gen application investment
- ✓ Supports CICS and EJBs (Distributed)

No additional skills required

Web Services GENius provides CA Gen developers the capability to create Web Services in CICS whilst insulating them from the range of new technology that RESTful and SOAP Web services, or APIs, are implemented with. This enables your existing development teams to work together quickly and collaboratively to deliver for your business.

Customisable Web Services or APIs

Web Services GENius offers customizable Web Service definitions, which means you expose only the necessary interface components you choose, named in a way that is meaningful to your web and mobile application development teams. Data items from CA Gen modules can be exposed and renamed in the Web Service definition, or they can be hidden, defaulted, or populated according to rules and values you define.

Integration with CA Gen and your development processes

Web Services GENius can be integrated into your existing CA Gen application development environment. One or more Web Services can be defined over any Procedure Step or Action block, and then those definitions are generated into the appropriate Web Service or API artefacts within the target environment, currently CICS. The automated build process is also triggered whenever the underlying CA Gen modules are changed, which ensures your Web Service integrity is maintained. The automated Web Service build process can be integrated with your existing Change Management products and processes.

Support your agile development teams

The simplicity of creating, customizing and modifying Web Service meshes well with the more agile development approaches typically used for building Web applications and Mobile apps. The easy exposure of CA Gen applications as Web Services or APIs embeds your CA Gen application portfolio as an integral part of your mobile delivery solution.

Integrated performance monitoring

Customers seeking to monitor their CA Gen applications and exposed Web Services can do so with *APMConnect for CA Gen* which operates seamlessly with *Web Services GENius* to help ensure service availability.

More information

Website: ***https://response-systems.com/web-services-genius/***
Contact: ***webservices@response-systems.com***

About Response Systems

We empower CA Gen customers across the globe with software to maximize their returns from CA Gen.

Established in 1995, Response Systems is based in the UK and Australia with over 150 customers throughout the world. We are a long-established CA Technologies Development Partner.

Response Systems is part of the Facet Group (www.facet.com.au), who specialize in the provision of expert CA Gen Consulting and Project services. Facet is a CA Technologies service delivery partner for expert CA Gen