PROGRESS Corticon

BUSINESS RULES FOUNDATION

Progress® Corticon® Business Rules Foundation is an open, flexible platform to embed Corticon's Business Rules Management (BRMS) capabilities into any enterprise application. The Corticon Foundation consists of a rich library of model-driven BRMS functions that can be exposed in any form.

Using Foundation, Corticon's customers and partners (ISVs and System Integrators) can integrate business rules creation and management into their native user interfaces—whether they are development environments like a business process management system, or specific end-user applications like customer relationship management. With an open architecture that separates user interfaces from the rich set of business rules capabilities, developers have the flexibility to choose the exact capabilities they need, exposed within the context of their own user experience.

The Progress Corticon Framework Neutral Architecture is designed to promote the use of BRMS within any application framework. At the heart of this architecture is Corticon Business Rules Foundation, in which the capabilities of the Corticon product line have been segregated into a set of "headless" services that provide comprehensive BRMS functionality, from rule modeling, analysis and testing to repository management.

HIGHLIGHTS:

▸ Integrate business rules creation and management directly into your application

▸ Choose from a rich library of BRMS capabilities, without the BRMS overhead

▸ Integrate as much or as little rules functionality as you need

▸ Maintain complete control over user experience

▸ Manage rule assets in any repository

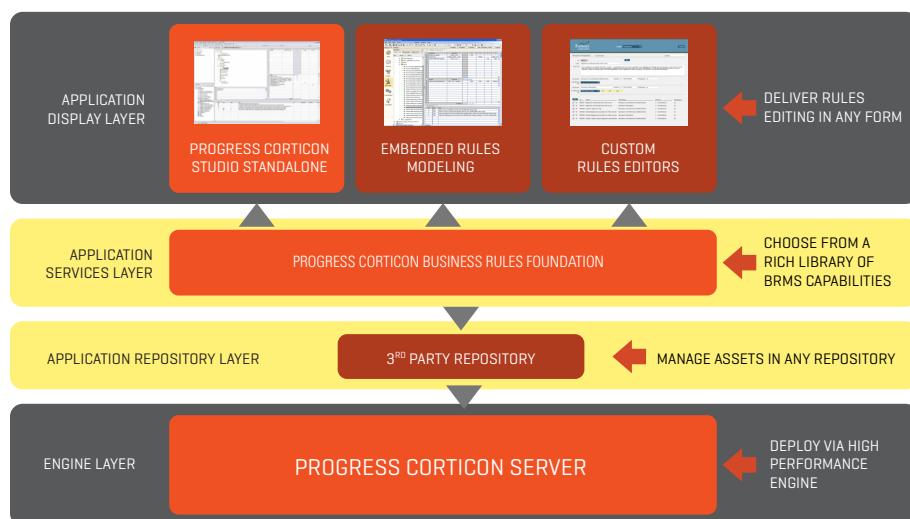▸ Promote consistent management of rules across diverse applications in the enterprise

Figure 1

Progress® Corticon® Business Rules Foundation: An open platform for creating and managing business rules across the enterprise

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At the application display layer, Corticon rule modeling, analysis and testing capabilities can be represented in any UI framework, such as Eclipse, Swing, or .NET. A developer can reproduce the entire Corticon user interface, or select a limited number of features to include within a targeted application.

Foundation also supports the management of rule assets in 3rd party repositories. By managing decision services, vocabularies, metadata, etc. with other key assets in your own repositories, rules become an integral part of your technology infrastructure.

THE CORTICON BUSINESS RULES FOUNDATION SDK

Corticon customers and partners can leverage the capabilities within Foundation using our Software Development Kit (SDK)— which includes business rules modeling and repository APIs, associated Java docs, design documents, Junit tests for all APIs, and prototype client code for use as design patterns. Key features of the Foundation SDK include:

Support for any UI Framework—gives you the power to expose rules management capabilities through your application interface while preserving a consistent user experience across the combined solution.

- ▶ Web-based
- ▶ SWING
- ▶ Eclipse SWT
- ▶ .NET

Support for a variety of UI metaphors—offering the flexibility to represent decision logic in any form—whether delivered as a complete rule modeling environment, or exposed as an integral part of an application interface.

- ▶ Extended decision table
- ▶ Decision tree
- ▶ Natural language, sentence structure
- ▶ Integrated within UI for any application workflow

Pluggable persistence—central management of decision services and other assets within any repository. This improves productivity and simplifies the management of assets throughout the application lifecycle.

A rich library of rule modeling functions, delivered as a modularized 'headless' services. You get the rules capabilities that fit the needs of your application, without excess BRMS overhead.

Progress Corticon Foundation is the only business rules management system that allows the entire lifecycle of rules creation, rules management and rules execution to be delivered as a native part of any application. Foundation is at the heart Progress Corticon's next generation business rules management system.

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