GIDEON TAYLOR CONSULTING
GT eForms Validated Integration with PeopleSoft 9.2

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A Powerful Electronic Forms Toolset for Oracle's PeopleSoft Applications

GT eForms transforms manual business processes and paper forms into powerful PeopleSoft-based electronic forms and custom self-service applications, featuring configuration-based form design, auto-population, conditional logic, workflow, notifications and more.

Company Overview

Gideon Taylor and GT eForms redefine self-service and revolutionize how organizations think about custom process automation within PeopleSoft applications. Built with Oracle's PeopleSoft PeopleTools, GT eForms provides a secure, flexible framework to transform any paper form or manual process into an efficient, easy-to-use, workflow-enabled electronic form, letting you create and deploy custom self-service solutions configured to match the way you work.

Integration Overview

GT eForms 3 is a pure bolt-on extension for PeopleSoft applications. It consists of custom PeopleTools objects and code, and installs into the target PeopleSoft database.

eForms are presented to users as PeopleSoft pages. Users can navigate to the forms from the GT eForms WorkCenter, from content references in the portal registry, or from URLs. The eForms collect electronic signatures; route themselves automatically to approvers; allow users to take actions such as Approve, Deny, or Recycle; and ultimately enter their data into delivered PeopleSoft components.

Integration Details

GT eForms delivers a Forms Engine, a Logic Engine, and a Workflow Engine that work together with delivered PeopleTools features to automate any PeopleSoft-based business process, from simple to very complex.

- The **Forms Engine** enables both configuration-based eForm creation and custom eForm segments built as subpages in App Designer. The Forms Engine provides a range of field and data types; column and grid segments; configurable field properties; advanced form searches; security at Form Type, Condition, Task, and row levels; valid-value lookups; related description displays; data pre-population and dynamic value defaulting; dynamic field behavior; and field, segment, and form-level PeopleCode hooks.

- The **Logic Engine** allows functional users to construct complex logic statements using form data, PeopleSoft or SQL Query results, or PeopleCode methods nested to any level. The resulting logic statements, called Visual IFs, can control form field properties, page navigation, segment display, conditional workflow routing, action item display, and Form Condition-setting.

ORACLE

Validated Integration

PeopleSoft

Oracle Validated Integration gives customers confidence that a partner's integration is functionally sound and performs as designed. This can help customers to reduce deployment risk, lower total cost of ownership, and improve the user experience related to the partner's integrated offering.

- The **Workflow Engine** extends the delivered Approval Framework with enhanced routing display; robust, functionally-configurable User Lists using set logic; conditional routings driven by Visual IFs built in the Logic Engine; and an enhanced Notification framework to generate e-mails and worklist items.

GT eForms uses the PeopleSoft integration broker to manage transactions between eForms and the delivered PeopleSoft system. The primary integration between the eForms layer and the delivered PeopleSoft components is over a web service. The integration also uses PeopleSoft component interfaces technology to update the delivered components, allowing all delivered business logic to run.

The system code is delivered primarily in object-oriented Application Classes. eForm behavior can be extended programmatically to enable automatic form actions, such as mass form generation and approvals.
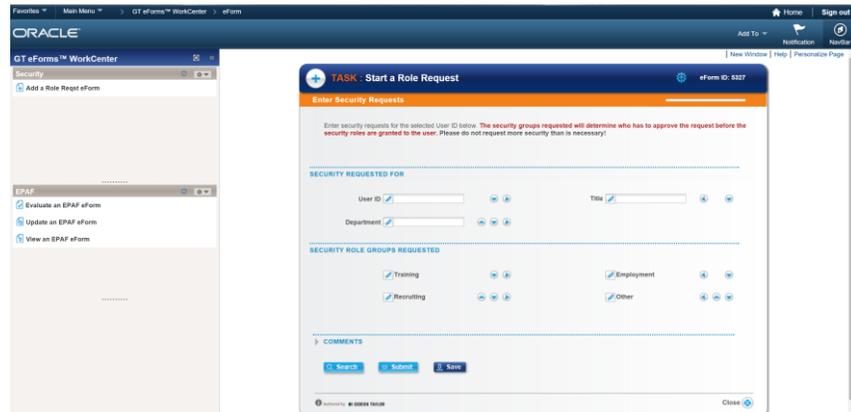
Configuring an eForm in Design Mode

Environment

Gideon Taylor Consulting Environment

>   GT eForms 3
>   Oracle Database 11*g* Release 2
>   Oracle WebLogic Server 12*c*

Oracle Environment

>   Oracle's PeopleSoft 9.2
>   Oracle Database 11*g* Release 2
>   Oracle WebLogic Server 12*c*