Legacy Navigator™

Application Integration Framework™ component providing graphical process modeling for complex integration

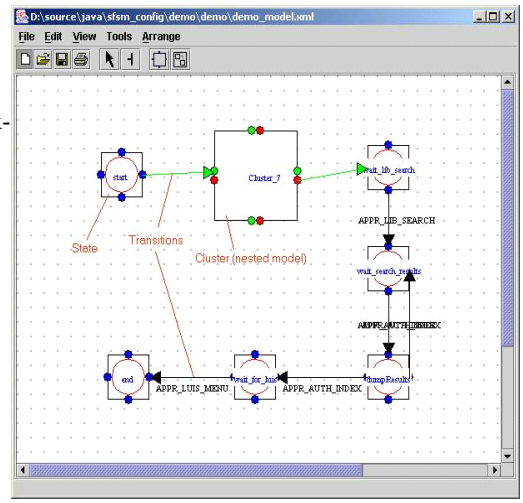
During the challenging business environment of the past five years, greater emphasis has been placed on both maximizing customer satisfaction and exploiting business-to-business trading-partner relationships by creating one internal view of the customer, reflecting all contact and data points, across the enterprise. This has necessitated linking invaluable legacy applications, some of them decades old, to the very newest software for real time inquiry and update.

Any IT staff can provide tools to directly access the data (bypassing the application logic), or direct exposure to the transaction (whether on a mainframe, client/server system or web server), but many companies find the costs and risks of such methodologies unacceptable. Instead, many IT departments are choosing to provide access via the user interface.

This latter method has become preferable by virtue of being totally non-invasive and because today's tools enable open, standard, relatively easy (vs. other two methods), fast, efficient and scalable integration access. In many situations, when the interaction is part of an application owned and provided by other entities, this approach becomes the only viable option.

Resolving Complexity

When these user interface integrations involve complicated business processes and applications, their complexity often triggers an explosion of difficult to manage navigation paths. This adds expense, and increases the likelihood of errors, while facing the challenge of managing complex integrations among continual end-application modifications.



Legacy Navigator Process Model

Graphical Model

Legacy Navigator addresses the challenges raised by complex navigation paths with a graphical depiction of the integration. It provides the ability to name relevant items in the transaction path (screens, text positions, screen events, etc.) and use them to create a schematic model of the integration. This visual presentation makes complex navigation paths far easier to understand, and when screen or process changes occur, developers simply modify the graphical process model. This clarifies integration development and maintenance, because all navigation paths can be seen and changes made rapidly, often without code modifications.

Six Stage Development Process

Using Legacy Navigator involves a six-step development process:

1. **Define Screens:** name screen, data fields, and field positions.
2. **Describe Events:** define what items or changes within a screen will drive the integration process using pre-built components or extend functionality through custom-built Java classes.
3. **Develop Actions:** establish what will be executed in response to an event using pre-built Legacy Navigator components or extend functionality through custom-built Java classes.
4. **Create Conditions:** describe Boolean conditions to be evaluated before processing actions.
5. **Model Process:** graphically depict integration using above components.
6. **Execute Process**: start and manage execution utilizing Legacy Navigator API.

After integration , use the Legacy Navigator environment to adapt to ongoing business process or target application changes.

Application Integration Framework™ Advantages:

- **100% Java components**
- **Full programmatic integration with any EAI or App Server systems**
- **Reduces development time**
- **Simplifies ongoing maintenance**

Legacy Navigator Features:

- **100% data-driven and configurable**
- **Enables practical development of complex integrations**
- **100% compliant with Legacy Integrator™**
- **Enables integration modifications without code changes**

Use Legacy Navigator When:

- **Screen flow is complex (generally > 7 screens)**
- **Process includes many paths / exceptions**
- **End applications change often (especially when change management is limited)**

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