



Unisys Integrator

Red Oak's Unisys Integrator API and Runtime Environment: Object-oriented emulation of all UTS-based Unisys production applications.

Application Integration Framework™ Advantages

API / Runtime Environment

- 100% Java programs
- Fully extensible code
- Server-based implementation - NT/XP or UNIX variant
- Efficient program execution
- Built-in Java browser or terminal emulator for Unisys UTS-accessible applications

System Connectivity

- Standard Java programs connect to all app server and EAI messaging systems
- Server-based implementation
- Execute concurrently with Runtime Environment
- Full object-oriented model

Red Oak's Unisys Integrator API and the Runtime Environment provides the fastest, easiest production solution for programmatically accessing any UTS terminal-based applications and data. The high level abstracted API contains all the constructs necessary to programmatically integrate any Unisys terminal-based application and the Runtime Environment is the enabling mechanism that allows the Java programs created using the API to execute on any NT or UNIX server.

Included with the product is an imbedded Java terminal emulator that has been optimized to provide the most robust, reliable and scalable emulation environment available. Due to the advanced features of the emulator, execution speeds are superb and processing overhead is minimal. Production throughput is limited only by network connection and bandwidth considerations.

With the Unisys Integrator API and Runtime Environment, you can simultaneously execute multiple applications and/or execute the same application multiple times in parallel.

Unisys Integrator Connectivity: Seamless integration of all terminal-based legacy applications with all major EAI and B2Bi systems.

Unisys Integrator works with any of the major EAI or application server systems adapters supporting Java, since all code is standard. This facilitates the incorporation of Unisys Integrator applications into any other Java subsystem. It enables the seamless integration of legacy Unisys UTS application functionality with any of the major Java server systems, thus providing production application data access to and from any application that can communicate via the specific subsystem's messaging event protocol.

All Unisys Integrator connectivity executes concurrently with the Runtime Environment and, in essence, glues Unisys Integrator and the app server or EAI system together. Through this connectivity,

Unisys Integrator provides full legacy production application integration with complete and total access to application logic and all underlying data. Tremendous productivity benefits accrue when generated Unisys Integrator programs execute.

Full support exists for all Unisys applications that are accessible via a UTS terminal interface.

Red Oak's Unisys Integrator has been designed with an intuitive and open API. Its extensible architecture enables a Java developer to easily add any extra functionality they desire. Because the resultant code is all Java, these programs can be very easily incorporated into or called from any server side application as well.

The Runtime Environment represents true state of the art technology. Just as the mainframe terminal emulator extended mainframe applications to PCs, Unisys Integrator brings the programmatic automation of these same applications to the entire enterprise via seamless integration with all major application servers and EAI message broker systems.

the subsystem knows both how to receive and send events and how to use the Unisys Integrator application subsystem. All connectivity works similarly and is based upon the Java API presented:

- An event/request is created by the EAI or app server messaging system
- The event info set is found, the method name read and the event fields mapped onto the method
- Event fields are read and converted into Java objects
- The method of the Unisys Integrator access class is called
- A reply event is created and delivered back to the messaging system

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