

RADIX - Rapid Application Development In XML

What is RADIX

- Innovative System for developing JAVA J2EE ORACLE Applications
- RAD: Rapid Application Development – reduces Development Time of about 40%
- FRAMEWORK: permits the integration of advanced techniques that are immediately available
- Developed by Information Design srl

What may be realized with RADIX

- Build Applications in a short time by means of components customizable through XML Metadata
- Utilize and integrate the most innovative technologies
- Can be easily interfaced with different Systems by means of SOA techniques
- Reusable Components that may be combined for building rich and complex functionalities
- Easy and fast application maintenance and integration of features
- User Interface completely independent from Logic and totally customizable in short time

Team Organization with RADIX

- Precise Organization of the tasks of the various Developers in the Team. Each Specialist can work in a highly independent way:
- Database Administrators perform the Schema Design, the procedures of control and update and optimize query performances
- Application Specialists build Application Functionalities using SQL. They don't have to know Java
- Java Programmers needed only when new sophisticated technological or highly complex functional Components must be developed

RADIX INTEGRATES ALL THESE TASKS

Operative Prototype

- In a short time, after definition of the Functional Requirements, the Operative Prototype (main Application Modules) can be presented to the Customer
- The Operative Prototype represents the basis of the real System
- The Customer can evaluate in advance the System Functionalities
- Test and Performance Tuning can be made during any Project Step

Database and Performances

- The first project Phase is the Database Design
- Database will be populated with an amount of data comparable with the one that will be used in Production
- Direct and immediate Tuning and Assessment of Service Levels and Performances
- RADIX permits the use of the most advanced techniques for a fast Data Access
- All the information accessed are organized into XML Objects that are always reusable

Maintenance and further Development

- Easy maintenance of the Applications developed with RADIX
- Addition and Update of new Elements very simple
- Automatic Evolution of Application System through the new or improved technologies that are integrated with the RADIX Engine
- The Customer can have the property of the final Application System and, after a short Training, can carry out Maintenance by himself

Conclusions/Advantages

- Prototypes can be ready in a very short time
- System Test during any Step of the Development Project
- Performance Tuning realized before total Development
- Short Development Times and high quality Project Achievements
- Clear Organization of the Structure of the Development Team
- Help Functionalities