DB/IQ QA Workflow

SQL Source	QA Functions	Benefits
Freely entered SQL	Rule-driven SQL Checks	Methods & Standards
Pre-Compiled & Co-Processor created DBRMs and Libraries	Check all Applications "in-house" developed & "purchased"	Enforce Standards Ease Maintenance Audit Improvements
Catalog based SQL: Plans, DBRMs Collections, Packages, Materialized QueryTables Common Table Exp., Views, Triggers etc.	Explains and Executes any SQL - incorporates : ➢ Easy of use ➢ Host variables ➢ Enhanced Explain	Improve Performance : ➢ Resolve SQL black box ➢ Test SQL before programming ➢ Check Data Quality
All Dynamic SQL incl. ERP Applications WEB Applications ➢ Client-Server	RUNSTATS Migration ➢ Transfer Prod ➔ Test ➢ Generate volume-based ➢ Manipulate all values	Realistic RUNSTATS : ➢ Simulate production ➢ Futuristic values ➢ Evaluate Access Paths
	SQL Monitor Trace & Cached Statement Trace to capture: ➢ SQL & resource usage ➢ CPU & elapsed time ➢ Page activity	Enhances Standard QA : ➢ Adapts to growing and changing applications ➢ Locates expensive and frequently executed SQL
	Production Environment Automatic QA - to : ➢ Mass check new packages ➢ Automatically recognize Change of Access Path	Mass Checks before BIND : ➢ Locate violations ➢ Set condition codes ➢ Find all Access Path Changes

Simply enforce standards and ensure less problems

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