



PRODUCT COMPONENT TEMPLATE

DEFINITION

<i>Name</i>	Structured Query Language (SQL)
<i>Description</i>	SQL is the standard programming language that is used to interact and communicate with Relational Database Management System (RDBMS).
<i>Rationale</i>	The SQL language can be used for several tasks. This versatility allows staff with different jobs to use the same language and share knowledge of that language. SQL enhances the ability for different Departments to share data even if they have a different RDBMS. SQL is the official standard language to use with RDBMSs.
<i>Benefits</i>	<p>SQL is:</p> <ul style="list-style-type: none"> • An easy to learn language • Included with many database products • An Interactive query language – users can retrieve data and display on their screen • A Database programming language – programmers can use embedded SQL statements in their application programs to access, update, create and delete data (Data Manipulation Language DML) • A Database administration language – administration can define database structure (Data Definition Language DDL) and can control access to data • A Client/server language – PCs can access database servers for shared data • An Internet data access language – Internet application servers can communicate with corporate databases • A Distributed database language – allows multiple computer systems to request data • A Database gateway language – allows different RDBMSs to communicate

ASSOCIATED ARCHITECTURE LEVELS

<i>Specify the Domain Name</i>	Application
<i>Specify the Discipline Name</i>	Development Tools
<i>Specify the name of the associated Technology Area</i>	Web Based

KEYWORDS

<i>List Keywords</i>	SQL, Oracle, Microsoft, T-SQL, DB2
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VENDOR INFORMATION

<i>Vendor Name</i>		<i>Website</i>	
<i>Contact Information</i>			

POTENTIAL COMPLIANCE SOURCES

<i>Name</i>	ANSI	<i>Website</i>	
<i>Contact Information</i>			
<i>Name</i>		<i>Website</i>	

Contact Information	
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COMPONENT REVIEW

List Desirable aspects			
List Undesirable aspects			
Operating System		Platform	

ASSOCIATED COMPLIANCE COMPONENTS

Product

List the Product-specific Compliance Component Names	
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Configuration Links

List the Configuration-specific Compliance Component Names	
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COMPONENT CLASSIFICATION

Provide the Classification	<input type="checkbox"/> Emerging <input checked="" type="checkbox"/> Current <input type="checkbox"/> Twilight <input type="checkbox"/> Sunset
Sunset Date	04/05/05

COMPONENT SUB-CLASSIFICATION

Sub-Classification	Date	Additional Sub-Classification Information
<input type="checkbox"/> Technology Watch		
<input type="checkbox"/> Variance		
<input type="checkbox"/> Conditional Use		

RATIONALE FOR COMPONENT CLASSIFICATION

Document the Rationale for Component Classification	
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MIGRATION STRATEGY

Document the Migration Strategy	
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IMPACT POSITION STATEMENT

Document the Position Statement on Impact	
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AGENCIES

List the Agencies Currently Utilizing this Product	SOS, NGB, DMH, OA, MDC, DOR, MDE
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CURRENT STATUS

Provide the Current Status	<input type="checkbox"/> In Development <input checked="" type="checkbox"/> Under Review <input type="checkbox"/> Approved <input type="checkbox"/> Rejected
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AUDIT TRAIL

Creation Date	04-05-05	Date Approved / Rejected	
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<i>Reason for Rejection</i>			
<i>Last Date Reviewed</i>		<i>Last Date Updated</i>	
<i>Reason for Update</i>			