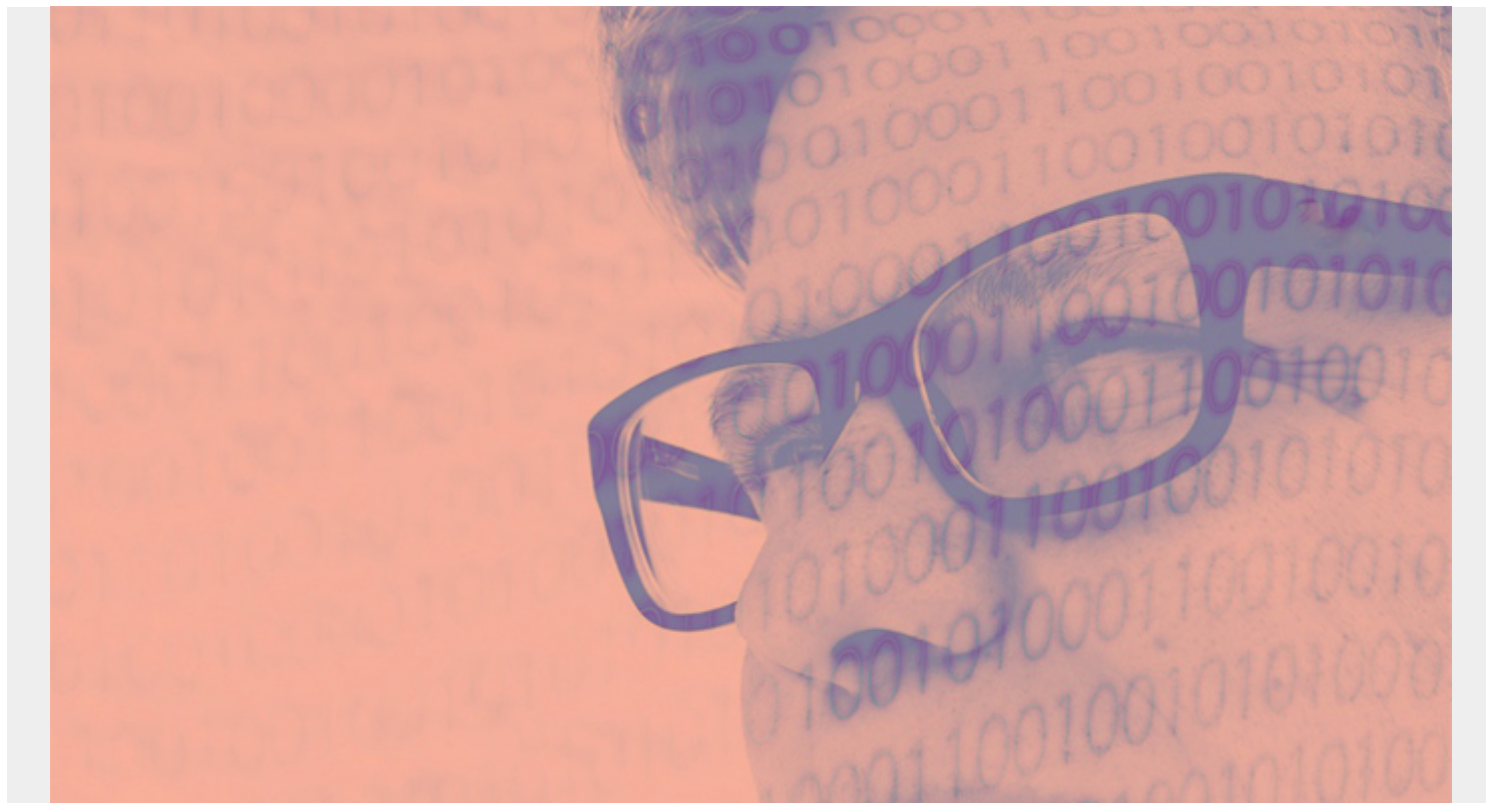


BIND PARAMETERS IN DB2 12



(This article is part of our [Db2 Guide](#). Use the right-hand menu to navigate.)

Option	Valid values	Plan	Pckg	Trigr	Qry
ACQUIRE	USE , ALLOCATE	X			
<i>Whether to acquire resources specified in the DBRM at first access or allocation</i>					
	REPLACE , ADD	X, B0	X, B0		
ACTION	REPLACE(RPLVER)		X, B0		
	REPLACE(RETAIN)	X, B0			
<i>Whether object (plan or package) replaces an existing object with same name or is new</i>					
ACOMPARE	NO , NONE , WARN, ERROR	X	X	X	
<i>Determines whether the new access paths are different from the older access paths</i>					
APPLCOMPAT	V10R1, V11R1		X	X	
<i>Specifies the package compatibility level behavior for statis SQL</i>					
APRETAINUP	YES , NO		R0	X	
<i>Whether or not DB2 retains an old package copy when access paths of the old copy are identical to the incoming copy. Applies to PLANMGMT(BASIC) or PLANMGMT(EXTENDED)</i>					
APREUSE	NO , NONE , ERROR, WARN		X	X	
<i>Specifies whether DB2 tries to reuse previous access paths for SQL statements in a package</i>					

APPREUSE	CURRENT , PREVIOUS, ORIGINAL	R0	X
SOURCE			

Specifies whether DB2 tries to reuse previous access paths for SQL statements in a package

ARCHIVE SENSITIVE	YES , NO	X	X
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Whether references to archive-enabled tables are affected by SYSIBMADM.GET_ARCHIVE

BUSTIME	YES , NO	X	X
SENSITIVE			

Whether references to application-period temporal tables are affected by CURRENT TEMPORAL BUSINESS_TIME special register

CACHESIZE	Value of PLAN AUTH CACHE; Decimal	X	
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Size (in bytes) of the authorization cache acquired in the EDM pool for the plan

COPY	Collection-id, package-id, COPYVER	X, B0
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Determines that you are copying an existing package and names the package

CONCENTRATE	NO , YES	X
STMT		

Whether to enforce statement concentration at the package level

CONCURRENT	WAITFOROUTCOME		
ACCESS	USECURRENTLYCOMMITTED	X	X
RESOLUTION	Default depends on SKIPUNCI setting		X

Determines which concurrent access resolution option to use for statements in a package

CURRENTDATA	YES, NO	X	X	X
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Whether to require data currency for R0 and ambiguous cursors when isolation level is CS

CURRENT	Location-name	X
SERVER		

Determines the location to connect to before running the plan

DBPROTOCOL	DRDA , DRDACBF (package only)	X	X
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Protocol to use when connecting to a remote site that is identified by a three-part name

DESCSTAT	NO, YES	X	X
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Whether DB2 builds a DESCRIBE SQL descriptor when binding statis SQL statements

DEFER	DEFER(PREPARE)		
	NODEFER (PREPARE)	X	X
	DEFER(INHERITFROMPLAN)		

Whether to defer preparation of dynamic SQL statements that refer to remote objects or to prepare them immediately.

DEFER(PREPARE) is assumed for REOPT(AUTO, ALWAYS and ONCE)

DEGREE	1 , ANY	X	X
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Whether to attempt to run a query using parallel processing to maximise performance

DEPLOY	(collection-id.package-id), COPYVER(version-id)	X
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Deploys a native SQL procedure

DISCONNECT	EXPLICIT , AUTOMATIC, CONDITIONAL	X			
<i>Determines which remote connections to destroy during commit operations</i>					
	RUN , BIND, DEFINEBIND(PKG ONLY), DEFINERUN(PKG ONLY), INVOKEBIND(PKG ONLY), INVOKERUN(PKG ONLY)	X	X		
DYNAMICRULES	DEFINEBIND, DEFINERUN, INVOKEBIND, INVOKE RUN			X	
Option	Valid values	Plan	Pckg	Trigr	Qry
<i>Determines which values apply at runtime for dynamic SQL attributes</i>					
ENABLE/ DISABLE	BATCH, CICS, DB2CALL, DLIBATCH, IMS, IMSBMP, IMSMPP, RRSAB, * REMOTE	X	X		
<i>Determines which connections can use the plan or package</i>					
ENCODING	ASCII, EBCDIC, UNICODE, <i>ccsid</i>	X	X		
<i>Application encoding for all static statements in the plan or package (defaults to installed selection)</i>					
EXPLAIN	NO , YES, ONLY	X	X	X	
<i>Whether to populate the PLAN_TABLE with information about the SQL statements</i>					
EXTENDED INDICATOR	NO , YES		X		
<i>Determines if DB2 recognizes extended indicator variables when associated package is run</i>					
FILTER	'filter-name'				FQ
<i>Allows you to delete a set of queries in the SYSIBM.SYSQUERY table under a {tag} value specified by the SYSQUERY.USERFILTER column. Also works with FREE QUERY</i>					
FLAG	I , W, E, C	X	X	X	
<i>Determines what messages to display</i>					
GENERIC	'string'	X	X		
<i>Specifies one or more bind options that are supported by the target server, but are not supported by DB2 for z/OS as options for BIND PACKAGE or REBIND PACKAGE</i>					
GETACCEL ARCHIVE	NO , YES	X	X		
<i>Whether a static SQL query bound for acceleration retrieves archive data</i>					
IMMEDIATE	NO , YES, INHERITFROMPLAN	X	X		
<i>Whether immediate writes will be done for updates made to GBP-dependent page sets/partitions</i>					
ISOLATION	RR , RS, CS, UR, NC	X	X	X	
<i>Determines how far to isolate an application from the effects of other running applications</i>					
KEEPDYNAMIC	NO , YES	X	X		
<i>Determines whether DB2 keeps dynamic SQL statements after commit points</i>					
LIBRARY	<i>Dbrm-pds-name</i>			X, B0	
<i>Determines which partitioned data set to search for DBRMs listed in the member option</i>					
LOOKUP	NO , YES				BQ
<i>Determines whether a query has matching access plan hint information in the SYSIBM.SYSQUERYPLAN table</i>					

MEMBER	<i>Dbrm-member-name</i>						X, B0
<i>Determines what DBRMs to include in the package</i>							
OPTHINT	<i>Hint-id</i>		X				X
<i>Controls whether query optimization hints are used for static SQL</i>							
OPTIONS	COMPOSITE , COMMAND						X, BC
<i>Specifies which bind options to use for the new package</i>							
OWNER	<i>Authorization-id</i>		X				X
<i>Determines the authorization ID or the owner of the object (plan or package)</i>							
	<i>Location-name.collection-id.</i>						X
PACKAGE	<i>package-id(version-id)</i>						X
	(*) – Rebind Only						X,R0
<i>Determines which package or packages to bind or rebind</i>							
PATH	<i>Schema-name, USER, (schema-name, (USER)...) </i>		X				X
<i>SQL path that DB2 uses to resolve unqualified UDTs, functions and stored procedure names</i>							
PATHDEFAULT	Mutually exclusive with PATH		X				X
<i>Resets PATH for package or plan to "SYSIBM", "SYSFUN", "SYSPROC", or plan/package qualifier</i>							
PKLIST or NOPKLIST	(<i>Location-name.collection-id.package-id...</i>) PKLIST only		X				
<i>Determines which package to include for the package list in the plan</i>							
PROGAUTH	DISABLE , ENABLE		X				
<i>Whether DB2 performs authorization checking to determine whether DB2 can execute a plan</i>							
PLANMGMT	OFF , BASIC, EXTENDED					X	X
<i>Retains, during a rebind operation, all relevant package information (metadata, query text, dependencies, authorizations, access paths, and so on) in catalog tables and in the directory</i>							
QUALIFIER	<i>Qualifier-name</i>		X				X
<i>Determines the implicit qualifier for unqualified names of objects in the plan or package</i>							
QUERY ACCELERATION	NONE , ENABLE, ALL ENABLEWITHFALLBACK, ELIGIBLE	X					X
Option	Valid values		Plan	Pckg	Trigr	Qry	
<i>Whether a static SQL query is bound for acceleration</i>							
QUERYID	' number ' ALL						FQ
<i>Frees entries from SYSIBM.SYSQUERY with same value (or ALL), and corresponding entries in SYSIBM.SYSQUERYPLAN table or SYSIBM.SYSQUERYOPTS table</i>							
RECORD							
TEMPORAL	YES , NO						X
HISTORY							
<i>Whether changes to data in a system-period temporal table that are made by static or dynamic SQL statements cause changes to corresponding history table of the system-period temporal table</i>							
RELEASE	COMMIT , DEALLOCATE, INHERITFROMPLAN		X		X		X
<i>Determines when to release resources that the program uses, either at commit or at termination</i>							
REOPT	ONCE, ALWAYS, AUTO, NONE		X				X

If access path is determined at runtime (host variables, parameter markers, special registers)

ROUNDING	CEILING, DOWN, FLOOR HALFDOWN, HALFEVEN , HALFUP, UP	X	X
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Specifies the rounding mode at bind time

SQLERROR	NOPACKAGE , CONTINUE, CHECK		X
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Whether to create a package if the package contains an SQL error

SQLRULES	DB2 , STD	X	
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Whether a Type 2 connection can be made according to DB2 rules for an existing connection

SWITCH	PREVIOUS, ORIGINAL		X	X
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Restores all previous or original package information in the catalog tables and directory to that of the specified package copy

SYSTEM SENSITIVE	YES , NO		X	X
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Whether references to system-period temporal tables are affected by value of CURRENT TEMPORAL TEMPORAL SYSTEM_TIME

VALIDATE	RUN , BIND	X	X
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Whether to recheck at runtime 'not found' and 'not authorized' errors found at bind time

BO = BIND only, BC = BIND copy, RO = REBIND only, FQ = FREE QUERY, BQ = BIND QUERY

BOLD/UNDERSCORE = default

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