





Examp	les of	DB	features

Feature	Description		
AtomicTransaction	Part of the transaction system that is responsible for atomicity		
EnvironmentLock	Presents two instances on the same database directory		
FSync	File synchronization for writing log files		
Latches	Fine grained thread synchronization		
LeakChecking	Debug checks for leaking transactions		
Statistics	Collects runtime statistics like buffer hit ratio throughout the system		
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Feature impact on DB					
components					
Feature	# DB base components affected	# variation points			
MemoryBudget	32	190			
Evictor	12	28			
CheckSum	10	28			
Statistics	10	34			
CheckPointer	5	34			
CpByteConfig	4	6			
CpTimeConfig	4	7			
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Feature interactions				
Feature	Interacting feature	# variation points		
CheckPointer	Statistics	22		
MemoryBudget	Evictor	5		
MemoryBudget	CriticalEviction	1		
SynclO	ΙΟ	4		
EvictorDaemon	Evictor	3		
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