

Objective : define slower calls in HCL Designer.

First tests are really simple :

- Just get alldocuments.count in the current database

Methods :

3 LotusScript agents with profiling options set and that use db.alldocuments.count

- Agent 1 : target is set to « None »
- Agent 2 : target is set to « All documents »
- Agent 3 : target is set to « New and Modified documents »

Runs

3 first runs are done from the Notes client (14.5) on Windows

3 next runs are done from the Domino server « tell amgr run... » on Linux

Before each run the agents are modified.

Of course winner is server agent runs, but it can be helpful to choose a good option when creating the agent.

Next runs will be based on dbsearch, ftsearch and of course Domino Query Language (DQL), with the same database.

Test database is only 44 MB and contains only 40429. The database is static (no documents updates)

Size	
Disk space: 44 MB	% used
Documents: 40429	Compact

Settings:

[Archive Settings...](#)[Encryption Settings...](#)

Notes Client – Run Agent 1. Target is set to NONE

Agent1 - All documents count Profile

27/10/2025 11:38:53 CET
Elapsed time: 63 msec
Methods profiled: 5
Total measured time: 32 msec

Class	Method	Operation	Calls	Time
Database	AllDocuments	Get	1	32
Agent	Name	Get	1	0
Session	CurrentDatabase	Get	1	0
Session	CurrentAgent	Get	1	0
DocumentCollection	Count	Get	1	0

Notes Client – Run Agent 2 : Target is set to ALL DOCUMENTS

Agent2 - Database All documents count with all documents Profile

27/10/2025 11:39:36 CET
Elapsed time: 16 msec
Methods profiled: 5
Total measured time: 16 msec

Class	Method	Operation	Calls	Time
Database	AllDocuments	Get	1	16
Agent	Name	Get	1	0
Session	CurrentDatabase	Get	1	0
Session	CurrentAgent	Get	1	0
DocumentCollection	Count	Get	1	0

Notes Client – Run Agent 3 : Target is set to NEW & MODIFIED DOCUMENTS

Agent3 - Database All documents count with new and modified Profile

27/10/2025 11:39:04 CET
Elapsed time: 15 msec
Methods profiled: 5
Total measured time: 15 msec

Class	Method	Operation	Calls	Time
Database	AllDocuments	Get	1	15
Agent	Name	Get	1	0
Session	CurrentDatabase	Get	1	0
Session	CurrentAgent	Get	1	0
DocumentCollection	Count	Get	1	0

Server Agent 1 run

Agent1 - All documents count Profile

27/10/2025 11:53:56 CET
Elapsed time: 4 msec
Methods profiled: 5
Total measured time: 0 msec

Class	Method	Operation	Calls	Time
Database	AllDocuments	Get	1	0
Agent	Name	Get	1	0
Session	CurrentDatabase	Get	1	0
Session	CurrentAgent	Get	1	0
DocumentCollection	Count	Get	1	0

Server Agent 2 run

Agent2 - Database All documents count with all documents Profile

27/10/2025 11:54:16 CET
Elapsed time: 1 msec
Methods profiled: 5
Total measured time: 0 msec

Class	Method	Operation	Calls	Time
Database	AllDocuments	Get	1	0
Agent	Name	Get	1	0
Session	CurrentDatabase	Get	1	0
Session	CurrentAgent	Get	1	0
DocumentCollection	Count	Get	1	0

Server Agent 3 run

Agent3 - Database All documents count with new and modified Profile

27/10/2025 11:54:26 CET
Elapsed time: 0 msec
Methods profiled: 5
Total measured time: 0 msec

Class	Method	Operation	Calls	Time
Database	AllDocuments	Get	1	0
Agent	Name	Get	1	0
Session	CurrentDatabase	Get	1	0
Session	CurrentAgent	Get	1	0
DocumentCollection	Count	Get	1	0