

smart

Design Analyzer

- > Automates finding Lotus Notes design elements by given keyword/pattern
- > Additionally available keyword sets for finding bugs related with:
 - > Cluster compatibility
 - > Application migration to Lotus Notes release 6.x/7.x/8.x
 - > Performance tuning

It is challenging to test Lotus Notes applications for cluster compatibility or for next release without knowledge what you need to test. One option is just to put database to cluster environment or next release Domino server, test it, fix bugs and test again. To save your time Tieto provides smart Design Analyzer as tool to find design elements by keyword/ search pattern. In addition user can define one's own keyword/search pattern documents.

Keyword `*.GetNthDocument(*)`

Keyword	
Group	Performance tuning
* Type	lotusscript
* Keyword	*.GetNthDocument(*)
Use keyword variants	<input checked="" type="checkbox"/> Yes
* Priority	High
Description	
Comment	Avoid using this function in loops (NotesDocumentCollection)
Restrictions	
Include only in	
Exclude in	

It is very useful in cases when you have to find same code in many databases, but they are too big for synopsis.

Each search generates result documents and user can operate with them in a familiar way. You can see quick summary in the column totals.

22	agents_v2.1.nsf	0
1	agent	0
3	form	0
6	page	0
6	scriptlibrary	0
1	sharedactions	0
1	subform	0
1	D. Servers sfrm_Servers	0
	formula	1
	@DbColumn	None
	Cluster compatibility	0
	view	0

In the result document developer sees code and can make decision without opening design element. Also he can add time estimation and description how the issue should be fixed. The time estimation is visible in the view as total time to solve/fix problems.

Keyword search result

Database	
Server	BOSS/ALISE5/LV
Filepath	agents_v2.1.nsf
Title	Agent Scheduler v2.1
Design element/Script	
Note type	form
Note name alias	0.2 Keyword frm_Keyword
Script event object	Field: fld_Keyword
Script event name	
Script type	formula
Keyword info	
Keyword	
Group	Cluster compatibility
Pattern	*@DbColumn*
Priority	None
Comment	Cluster compatibility
Bug fix information	
Developer notes	Add DB Replica ID as parameter
Time estimation	15 min

```
list := @DbColumn("", "NoCache"; @DbName; "hvw_Keyword"; 1);
@if(@IsError(list); "", @Unique(list))
```

Tieto also provides keyword/search pattern document sets for cluster compatibility, version to version migration and performance tuning.

Analyze your database design Smart Way!

Why you need this?

Do You need to test Lotus Notes applications for cluster compatibility? Do You want to migrate to a new release and check databases for incompatible Formulas/LotusScript or find functions that may impact performance?

How smart Design Analyzer can help me?

smart Design Analyzer can analyze selected database and generate reports based on keyword sets.

Related products:

- > smart Design Analyzer
- > smart Designer Helper
- > smart Agent Analyzer
- > smart Agent Scheduler
- > smart Deliveries Manager
- > smart Access Calculator
- > smart Questionnaire
- > smart Reports