



Delphi Academy

Dicas rápidas, truques e técnicas

Migrando de BDE e DBX para FireDAC

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AGENDA

- FireDAC & MS-Access
- FireDAC & Paradox/dBase
- Aplicações Multibanco com FireDAC
- Migrando a partir do BDE/DBX e outros
 - Interbase DataPump
 - Refind.exe

FIREDAC & MS-ACCESS

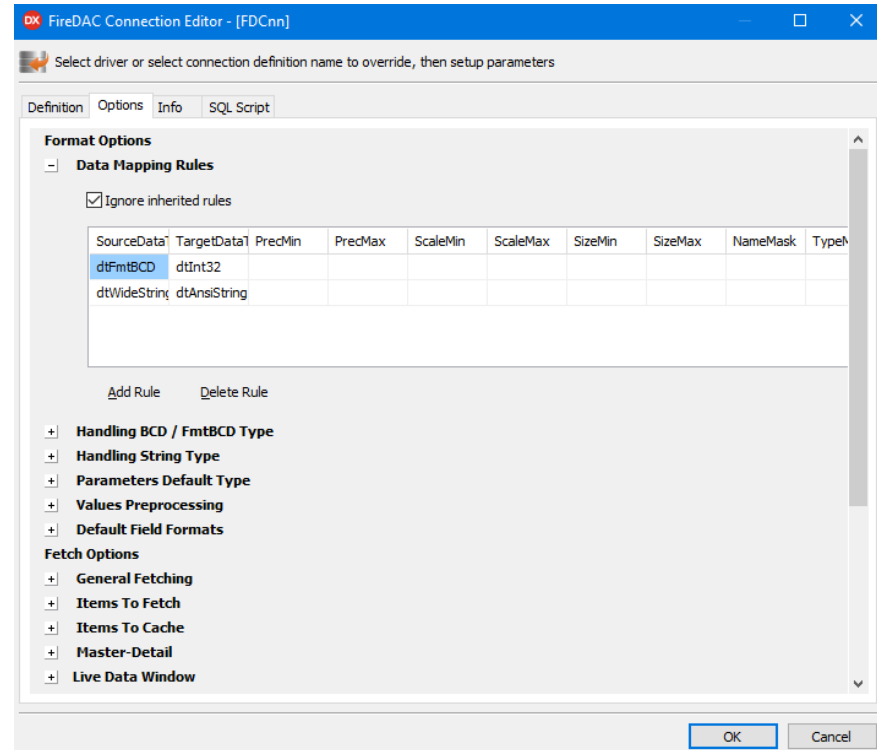
- Adicione um TFDConnection
- Selecione o Driver "MSAcc"
- Selecione o Arquivo do MS-Access (.mdb)
- Adicione um TFDTable
 - e configure o nome da tabela (TableName)
- Ou adicione um TFDQuery
 - e configure a propriedade SQL
- Fim!

FIREDAC & PARADOX/DBASE

- Crie uma conexão ODBC via Control Panel
- Adicione um TFDConnection
- Selecione o Driver “ODBC”
- Selecione a conexão ODBC (DataSource)
- Adicione um TFDTable
- Configure o nome da tabela (TableName)
- Fim!

APLICAÇÕES MULTIBANCO COM FIREDAC

- Simplifique os tipos de dados ao máximo ao criar seu modelo
- Resolva as divergências via *Data Type Mapping*
- Defina as conexões via código ou arquivo .ini
- Utilize SQL padrão ou *macros* para resolver divergências
- Utilize tratamento de erros centralizado (EFDDDBEngineException)



MIGRANDO A PARTIR DO BDE/DBX E OUTROS

- Interbase DataPump (*Clever Components*)
- BDE Installer
- reFind.exe

RegEx (PCRE) search and replace utility, v 2.5
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Usage: reFind <filemasks> [/S] [/Y] [/B:0|1|2] [/Q] [/I] [/W] [/L]
[/P:<searchpattern>] [/R:<replacepattern>] [/X:<rule filename>]

<filemasks> Specifies the file masks or file names to process.

/?	Displays help.
/S	Search this directory with all subdirectories.
/Y	Modify also read-only files.
/B:0	if .bak file exists no replace will be performed (default).
/B:1	if .bak file exists, it is overwritten.
/B:2	No .bak file is created.
/Q	Quiet operation. No output to console.
/I	Ignore case.
/W	Whole words.
/L	Multi line search.
/P	Perl RegEx search pattern.
/R	Perl RegEx replacement pattern.
/X	Specifies rule file with multiple Perl RegEx search and replace patterns or rules.

The rule formats:

#unuse <unit>	- remove unit from the PAS uses clause
#remove <property>	- remove property from PAS and DFM
#migrate [<class> :] <old> -> <new> [, <unit>]	- replace old with new identifier, optionally add unit to uses clause, optionally restrict migration to the specified class

Each file line has format:

<searchpattern> -> <replacepattern>

Mãos a Obra!

DEMOS

RECURSOS ADICIONAIS

■ Documentação

- [http://docwiki.embarcadero.com/RADStudio/Seattle/en/Database_Connectivity_\(FireDAC\)](http://docwiki.embarcadero.com/RADStudio/Seattle/en/Database_Connectivity_(FireDAC))
- http://docwiki.embarcadero.com/RADStudio/Berlin/en/ReFind.exe,_the_Search_and_Replace_Utility_Using_Perl_RegEx_Expressions
- http://docwiki.embarcadero.com/RADStudio/Berlin/en/Migrating_BDE_Applications_to_FireDAC
- http://docwiki.embarcadero.com/RADStudio/Berlin/en/Migrating_dbExpress_Applications_to_FireDAC

■ Ferramentas

- BDE for RAD Studio, Delphi, C++Builder 10.1 Berlin:
<http://cc.embarcadero.com/item/30522>
- DataPump (Free):
<http://clevercomponents.com/products/datapump>
<http://clevercomponents.com/products/datapump/dp-tour.asp>

RECURSOS ADICIONAIS

■ Blogs

- http://blog.marcocantu.com/blog/refind_and_bde_migration.html
- http://blog.marcocantu.com/blog/migrating_paradox_dbase.html

OBRIGADO!

Perguntas?

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