Background Foreground ModelNamedDataSource ModelNamedDataSource Singleton Singleton **CTMND FBDS** No **FBDS CTMND** Singleton No Stream Model ModelNamedBackgroundModel There Is Model ModelNamedViewModel Model State State NamedBackground^b ListOfViewModelForNamedView NamedView

FBDS (Function Before Data Source) - before sending the model to the data source, you can calculate the parameters and check the model parameter and give an error if it does not match, thereby interrupting the sending of the model to the data source

CTMND (Converter To Model Named Database) - converts from model domain to model named database