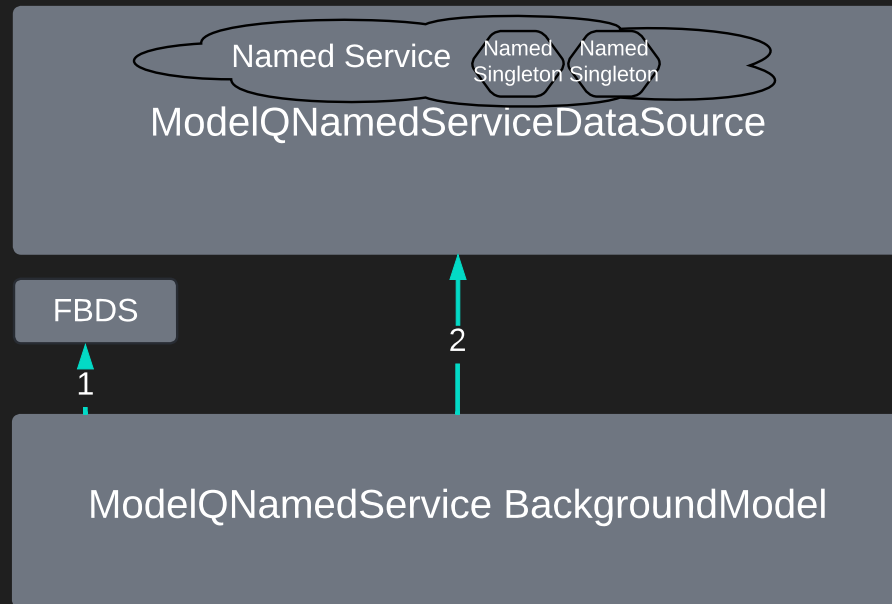
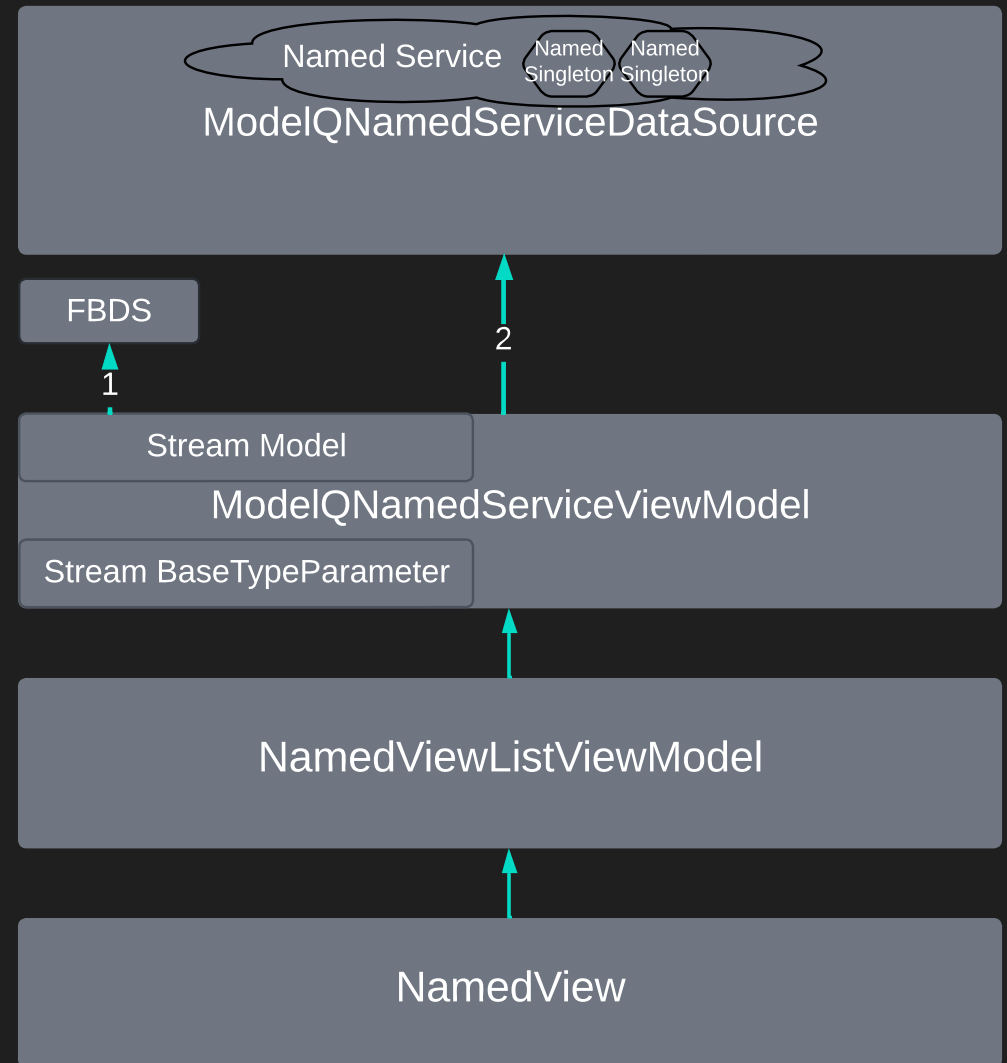


# Background



Singleton:  
-NamedSingleton  
No State Model

# Foreground



Singleton:  
-NamedSingleton  
State Model:  
-ModelQNamedServiceViewModel

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