

# Background

Named Service  
Named Service  
ModelNamedDataSource

FBDS

1

2

ModelNamedBackgroundModel

Singleton:  
-NamedService  
No State Model

# Foreground

Named Service  
Named Service  
ModelNamedDataSource

FBDS

1

2

Stream ModelNamed

ModelNamedViewModel

Stream BaseTypeParameter

ListOfViewModelForNamedWidget  
ForNamedView

Named Service  
Named Service  
ModelNamedDataSource

FBDS

1

2

Stream ModelNamed

ModelNamedViewModel

Stream BaseTypeParameter

ListOfViewModelForNamedView

Named Service  
Named Service  
ModelNamedDataSource

FBDS

1

2

Stream ModelNamed

ModelNamedViewModel

Stream BaseTypeParameter

ListOfViewModelForNamedWidget  
ForNamedView

NamedView

NamedWidgetForNamedView

ManagerForDistributing  
StreamsBetweenViews

NamedWidgetForNamedView

Singleton:  
-NamedService  
-ManagerForDistributingStreamsBetweenViews  
State Model:  
-ModelNamedViewModel  
-ManagerForDistributingStreamsBetweenViews

- 1) 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
- 2) ManagerForDistributingStreamsBetweenViews - designed to exchange information between widgets for the view and the view itself, each widget for the view and view has its own stream