Background

Foreground

Named Service
ModelQNamedServiceDataSource
Named Singleton Named Singleton

(IList/IModel)ForNamed(TIP/NP)

Named Service
ModelQNamedServiceDataSource
Named Singleton Named Singleton

(IList/IModel)ForNamed(TIP/NP)

FBDS

ModelQNamedServiceBackgroundModel

ICloneStreamModelForSuccess | FBDS | IStreamModel

ModelQNamedServiceViewModel
this this
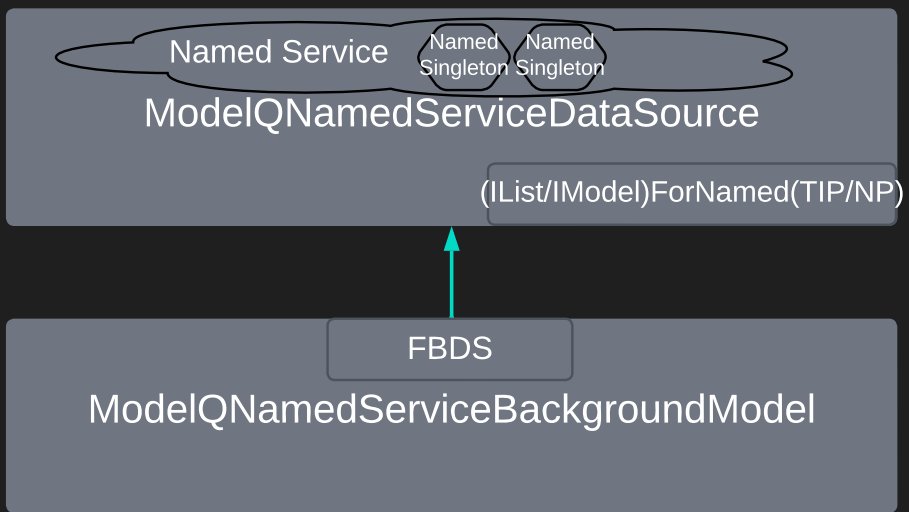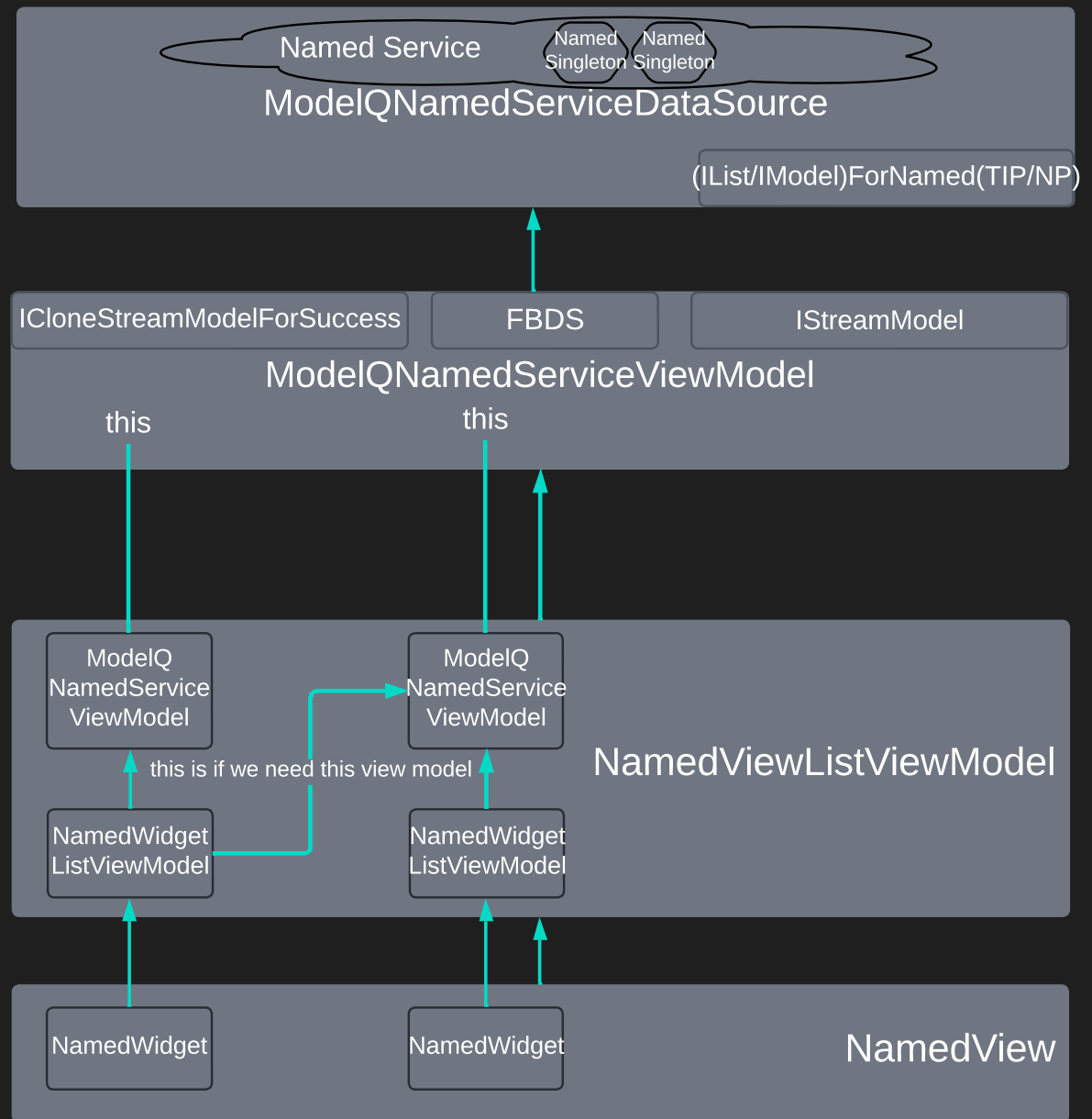
Chart explanation

ReinforcingComponent is part of MainComponent and is required for MainComponent to exist and for ReinforcingComponent to be part of MainComponent it is necessary for MainComponent to use ReinforcingComponent methods and there must be field in MainComponent for ReinforcingComponent but not always must be field, there is an exception. Situations: ReinforcingComponent((IList/IModel)ForNamed(TIP/NP)) which is in the constructor in MainComponent(ModelQNamedServiceViewModel) to be passed to MainComponent(ModelQNamedServiceDataSource), and MainComponent(ModelQNamedServiceViewModel) does not use methods ReinforcingComponent((IList/IModel)ForNamed(TIP/NP)) and there is no field for it. Therefore,I did not write ReinforcingComponent((IList/IModel)ForNamed(TIP/NP)) into MainComponent(ModelQNamedServiceViewModel) in the diagram

This is when one component takes another component and uses its methods, and as a result a chain of such arrows is formed

ReinforcingComponent
MainComponent

NamedViewListViewModel

ModelQ NamedService ViewModel

ModelQ NamedService ViewModel

this is if we need this view model

NamedWidget ListViewModel

NamedWidget ListViewModel

NamedView

NamedWidget

NamedWidget

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) ICloneStreamModelForSuccess - abstract stream class, the purpose of which is to define a specific stream type and standard values model and list model for IStreamModel.And also this class is required so that the ModelQNamedServiceViewModel can be reused for new models inherited from the base model.
3) (IList/IModel)ForNamed(TIP/NP) - an abstract class for defining a derived type from ModelQNamedServiceDataSource methods.This class is required so that the ModelQNamedServiceDataSource can be reused for new models inherited from the base model.