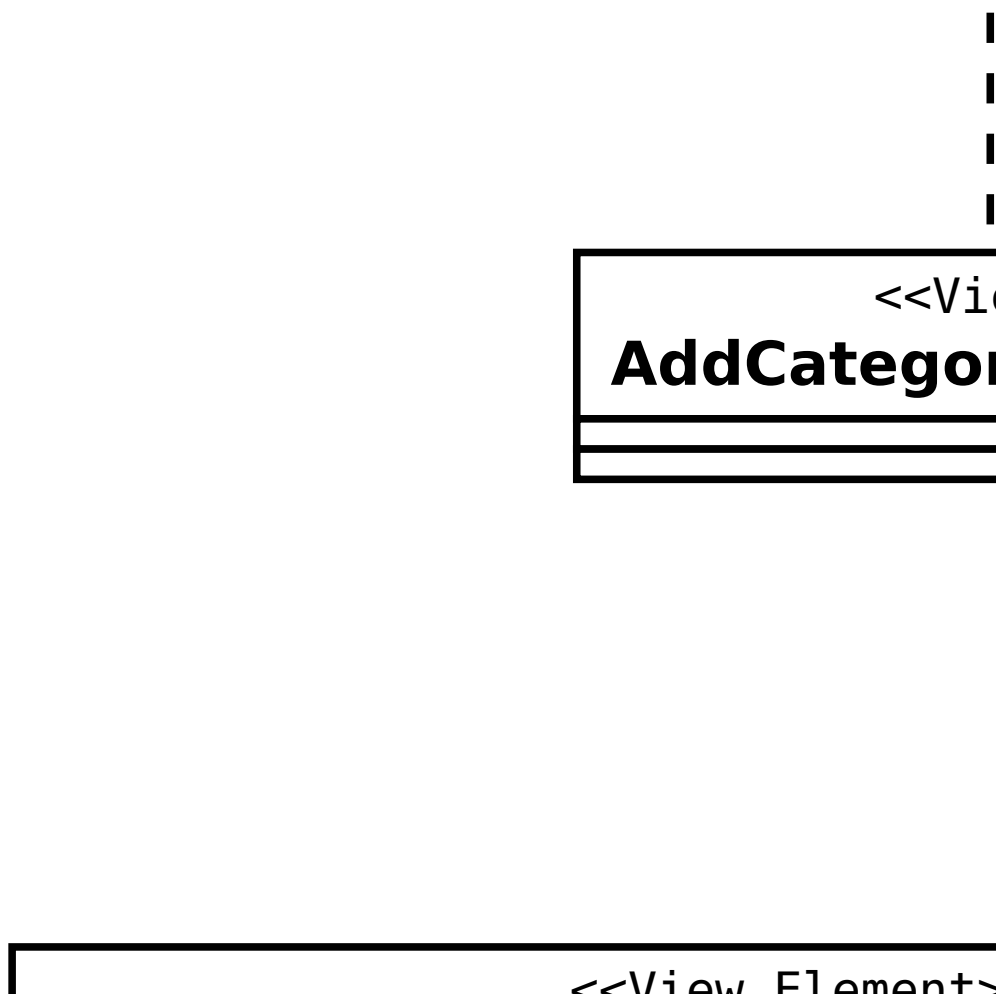
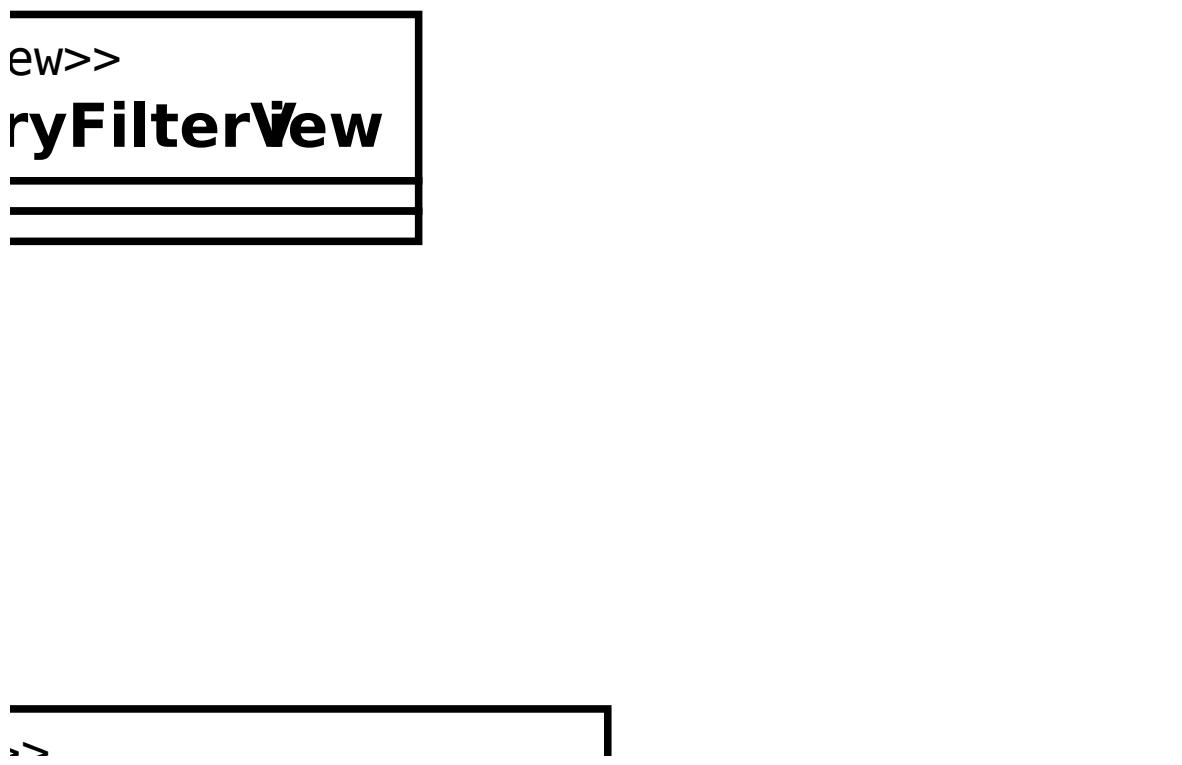
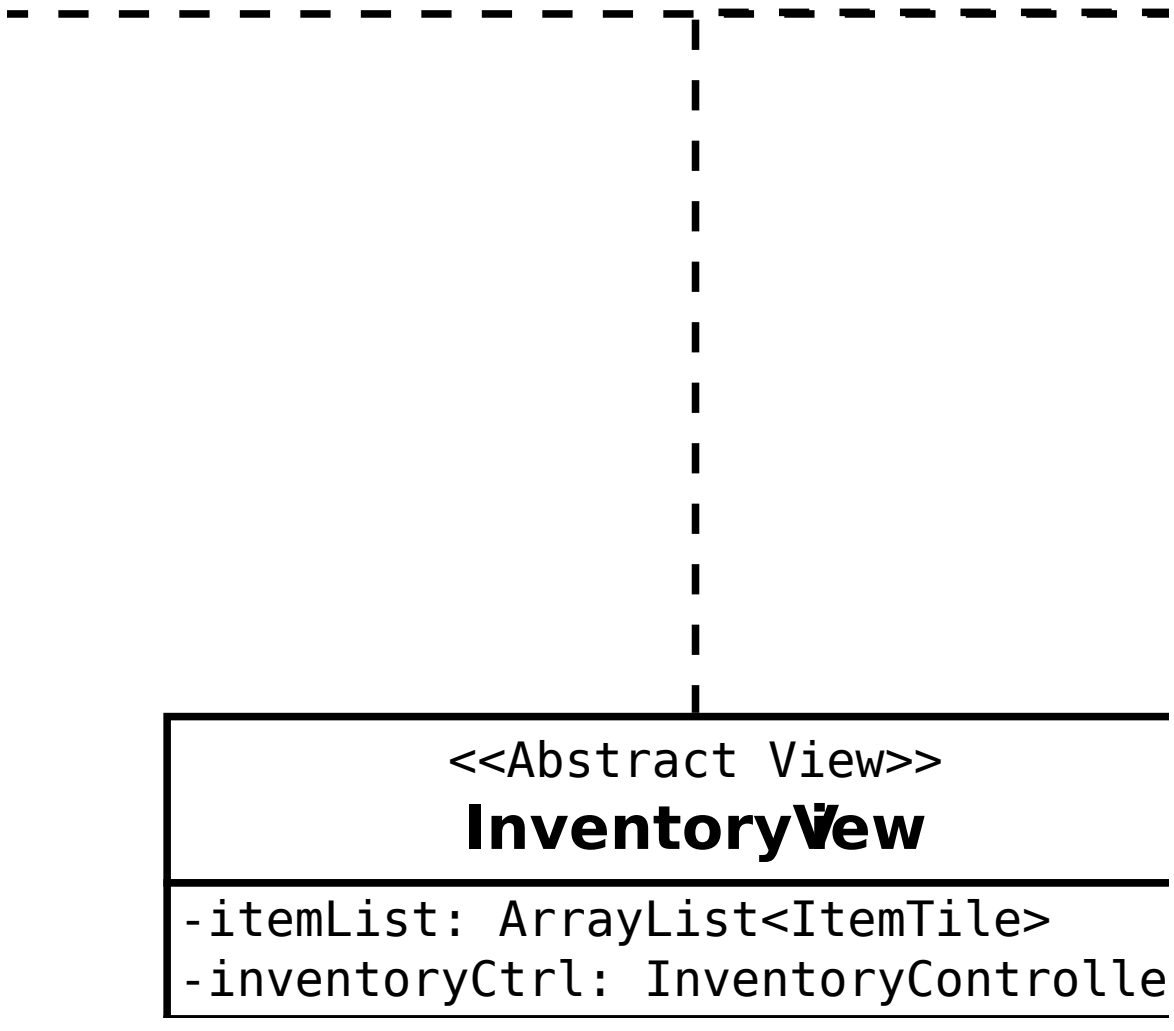
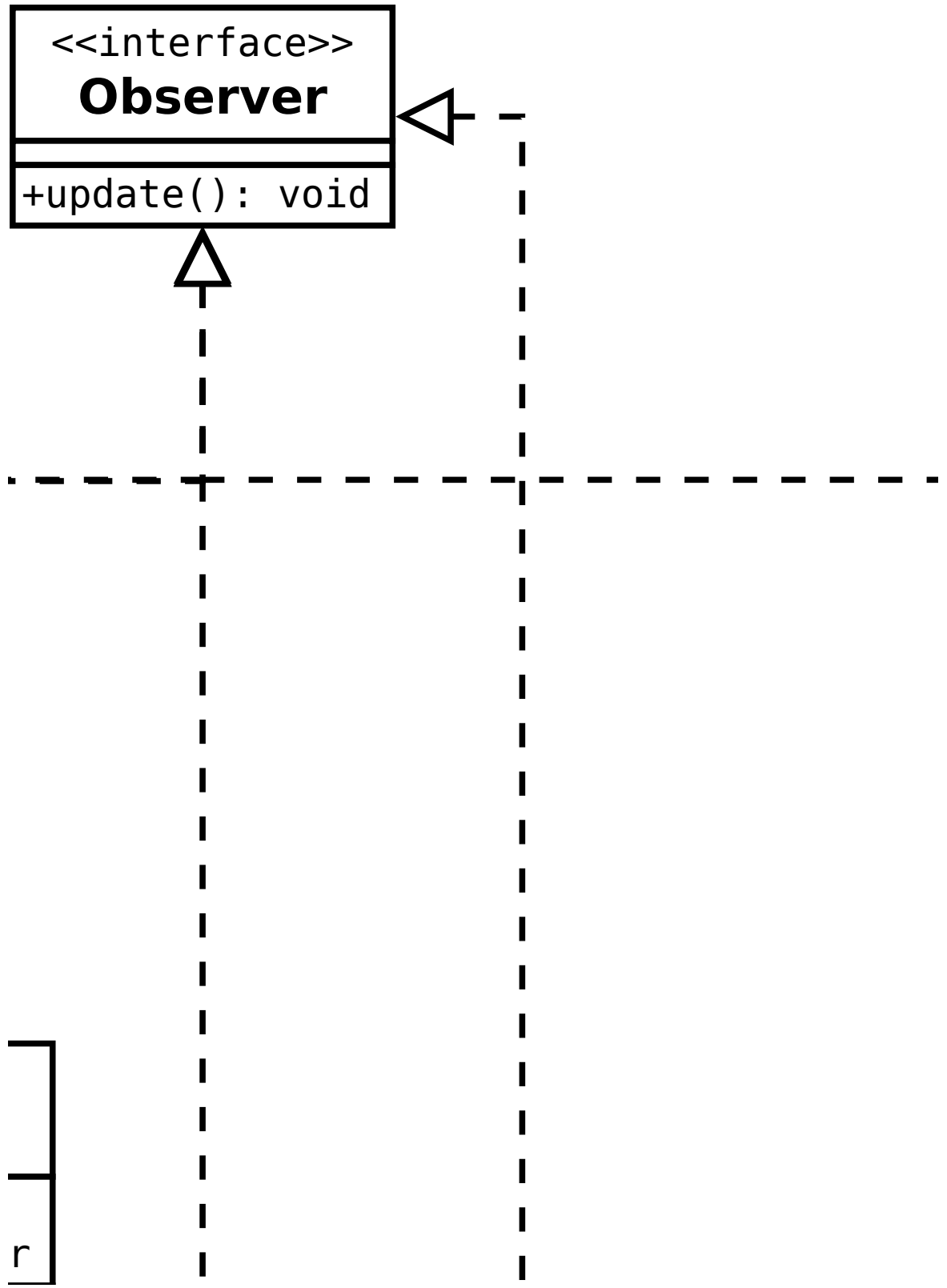
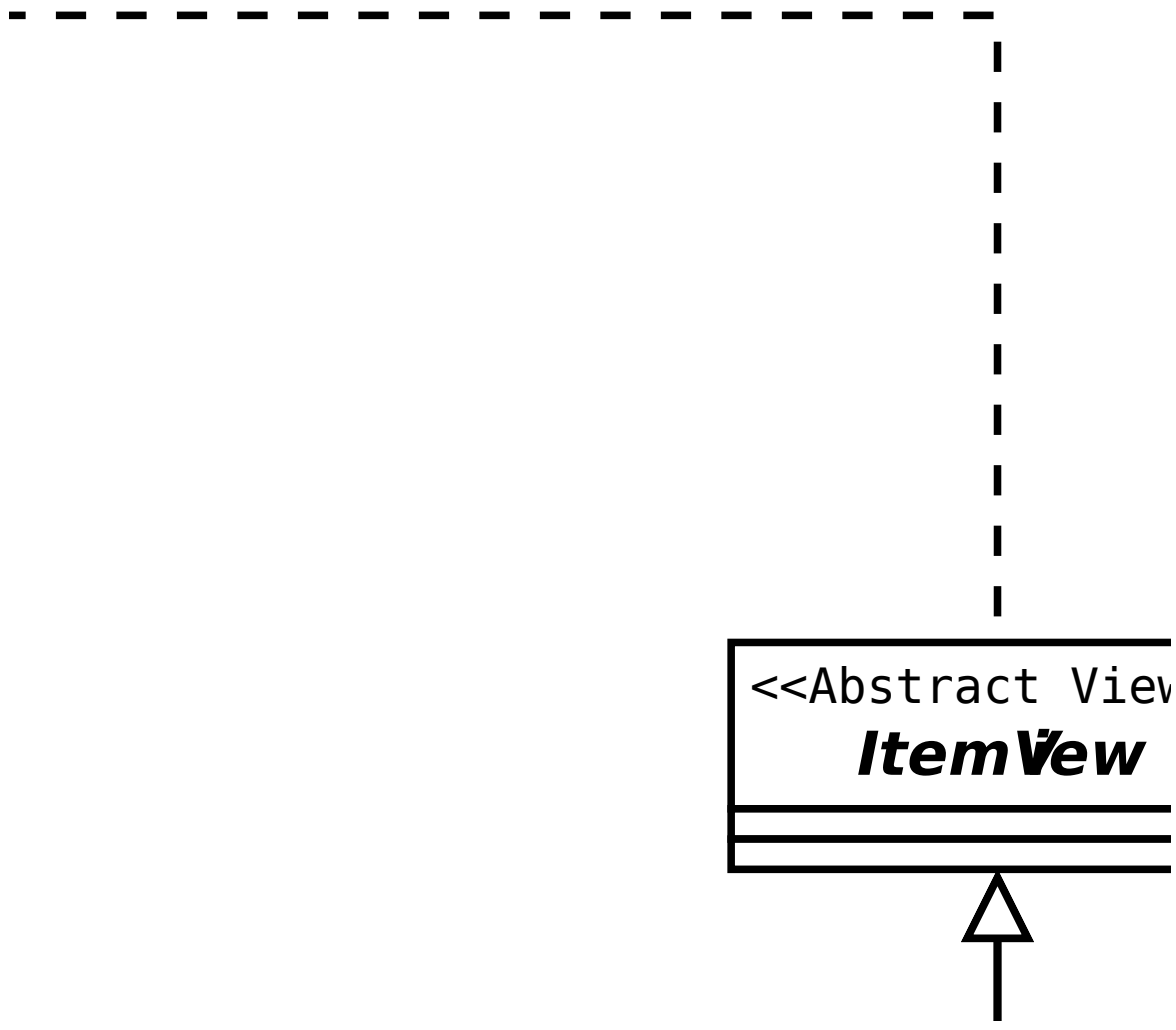

<<Vi
AddCategor
<<View Element>

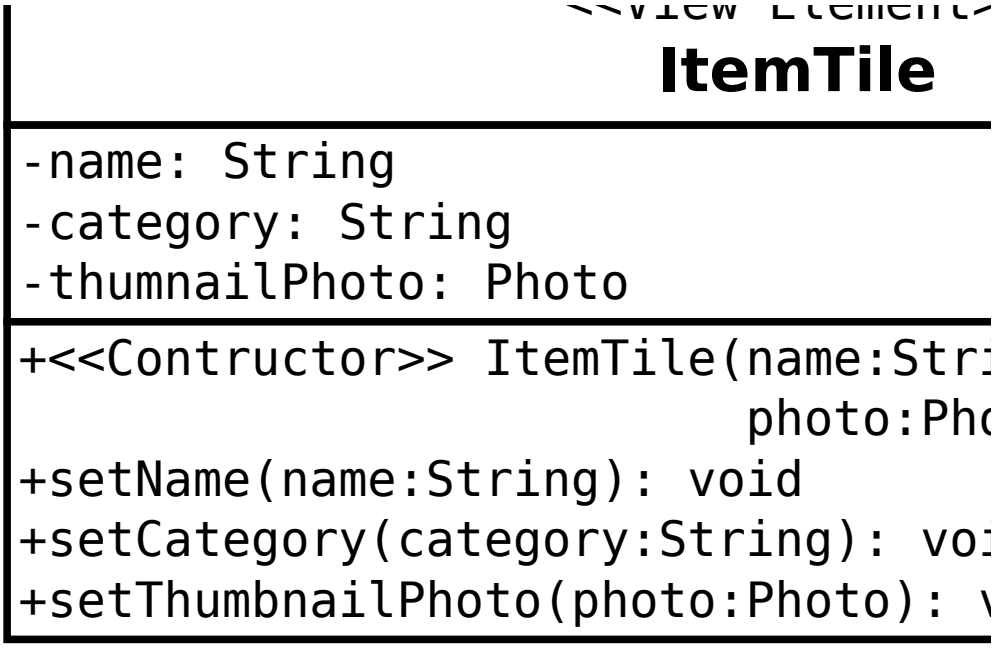

ew>>
ryFilterView

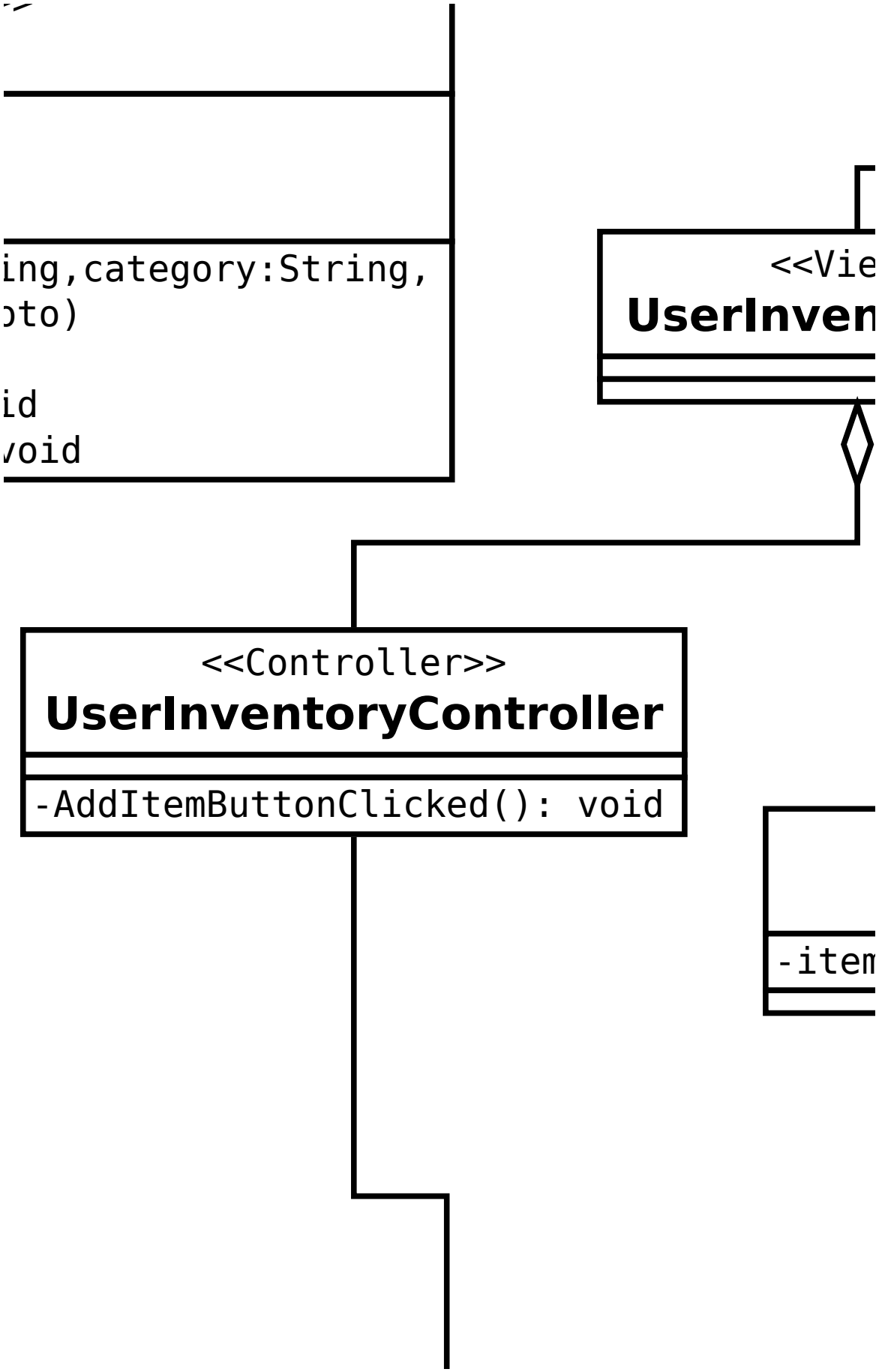

<<Abstract View>>
InventoryView
-itemList: ArrayList<ItemTile>
-inventoryCtrl: InventoryControlle

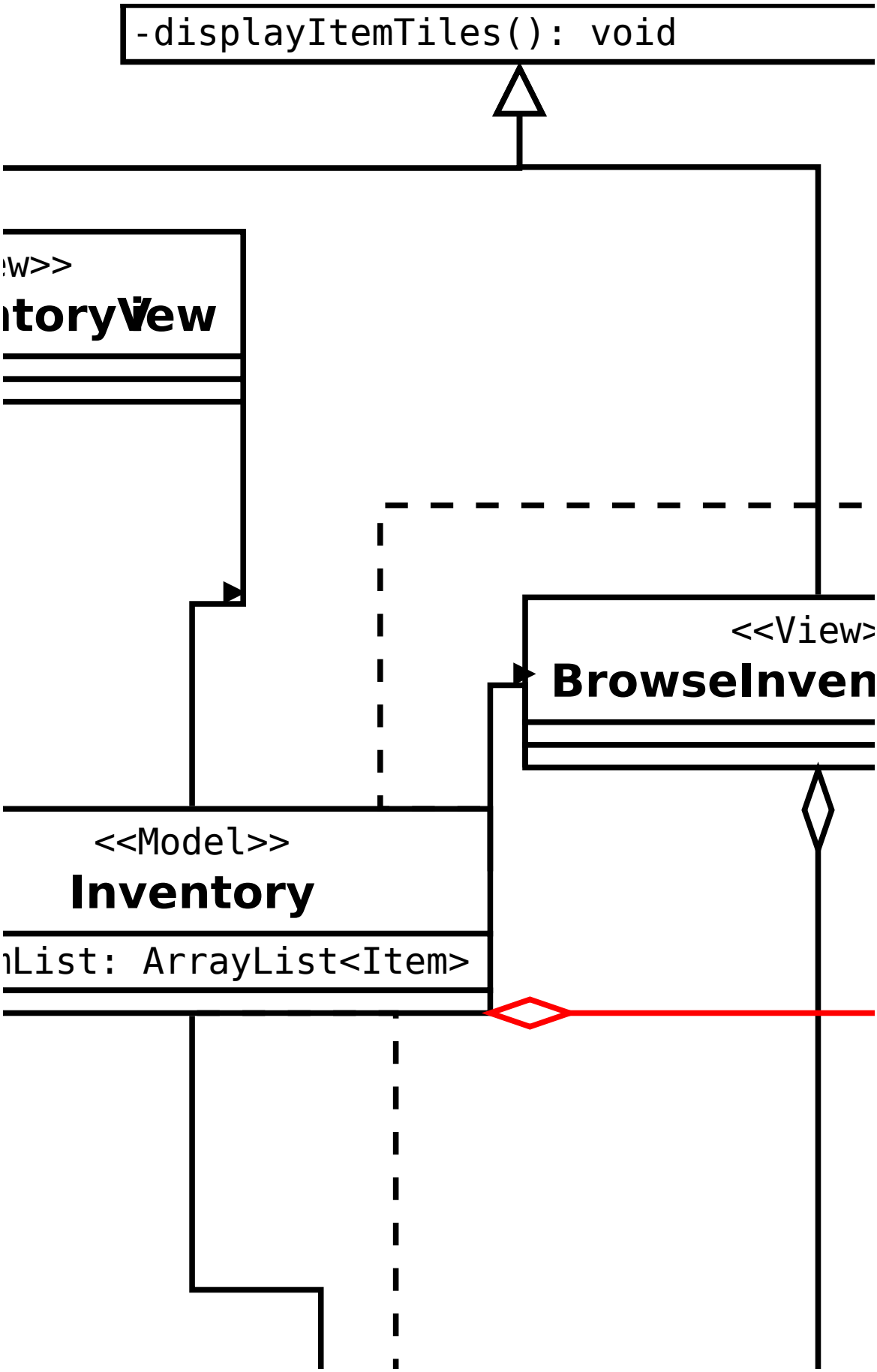

<<interface>>
Observer
+update(): void
r

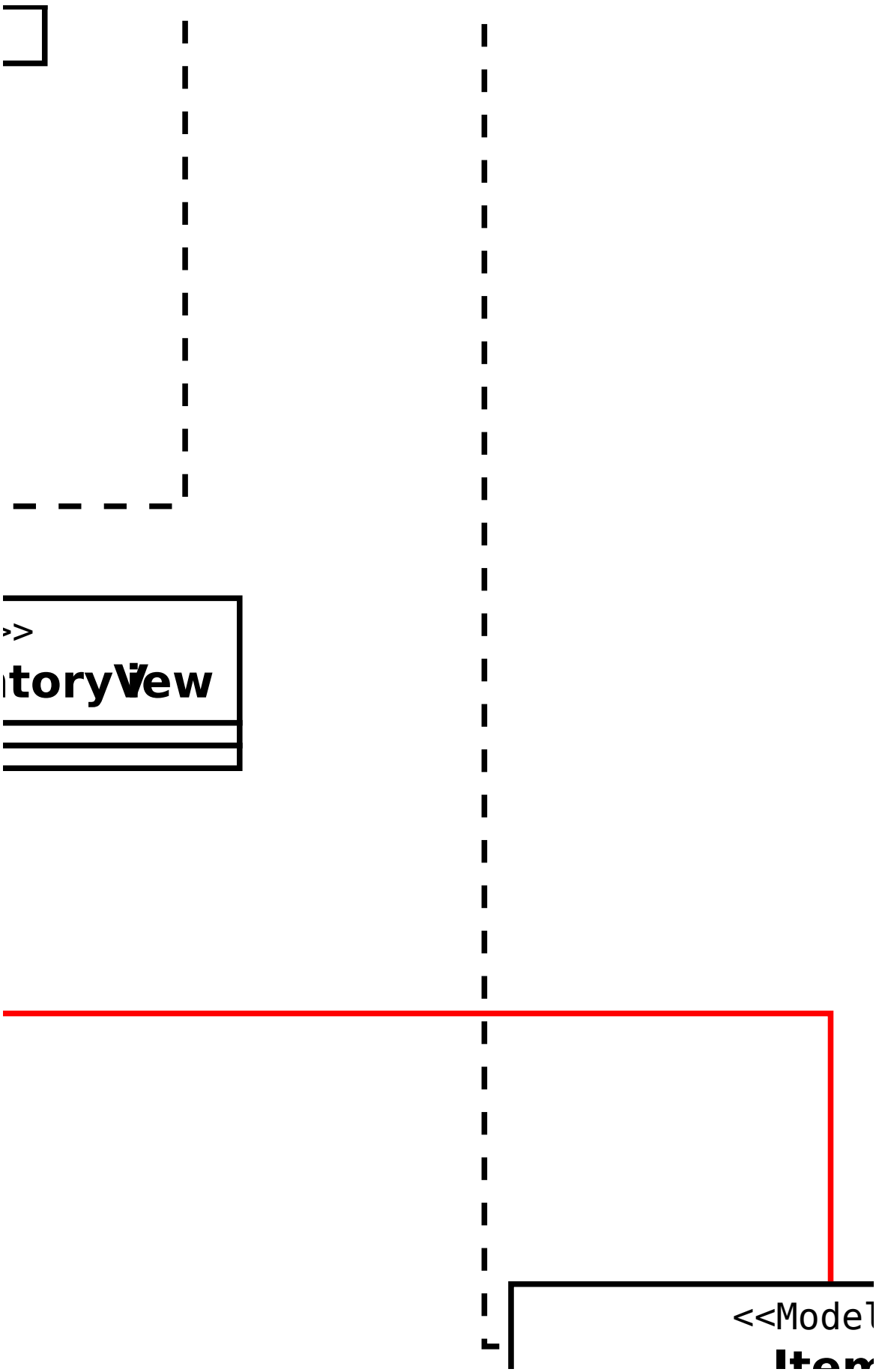

<<Abstract View
ItemView

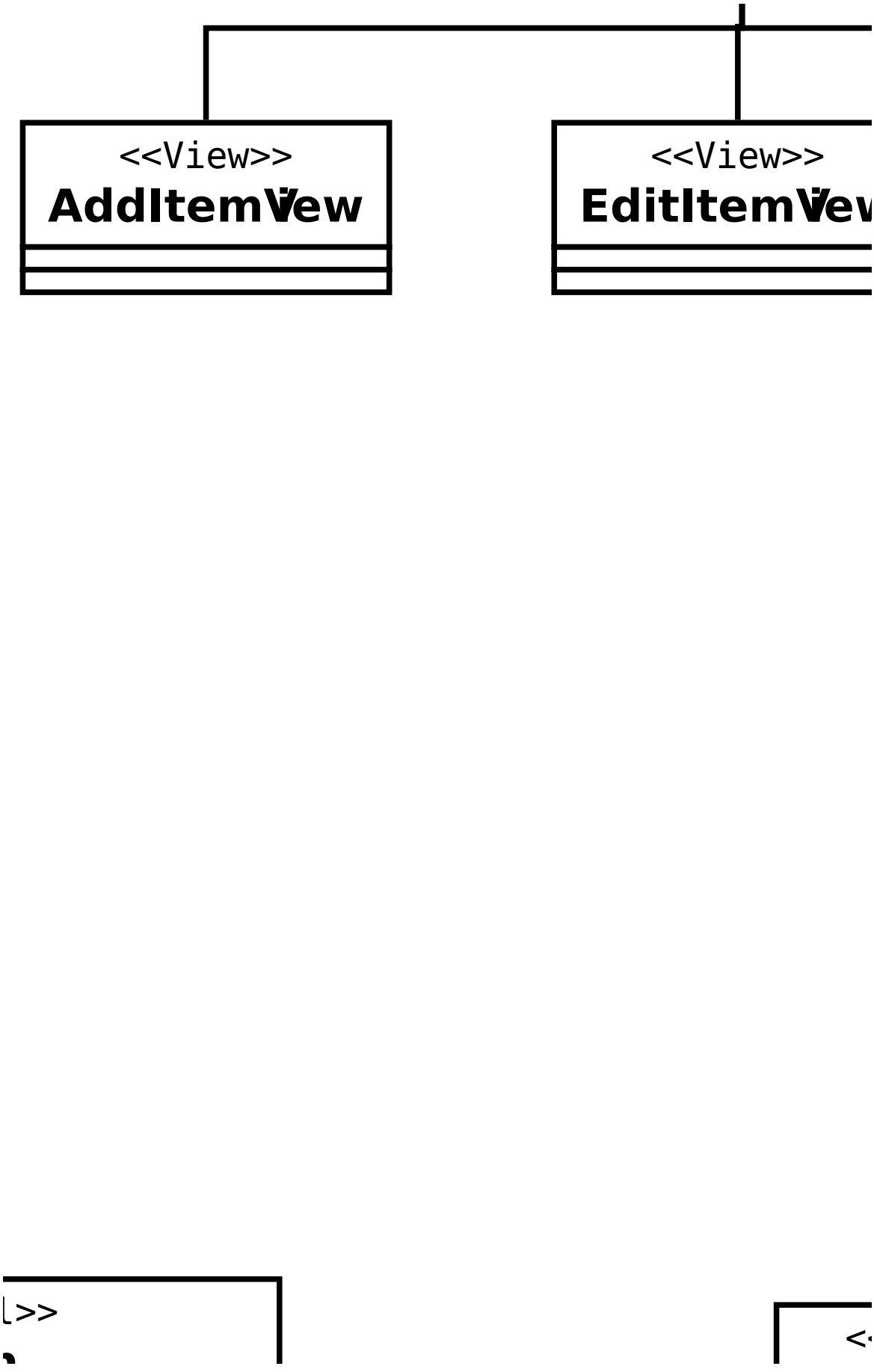
v>>

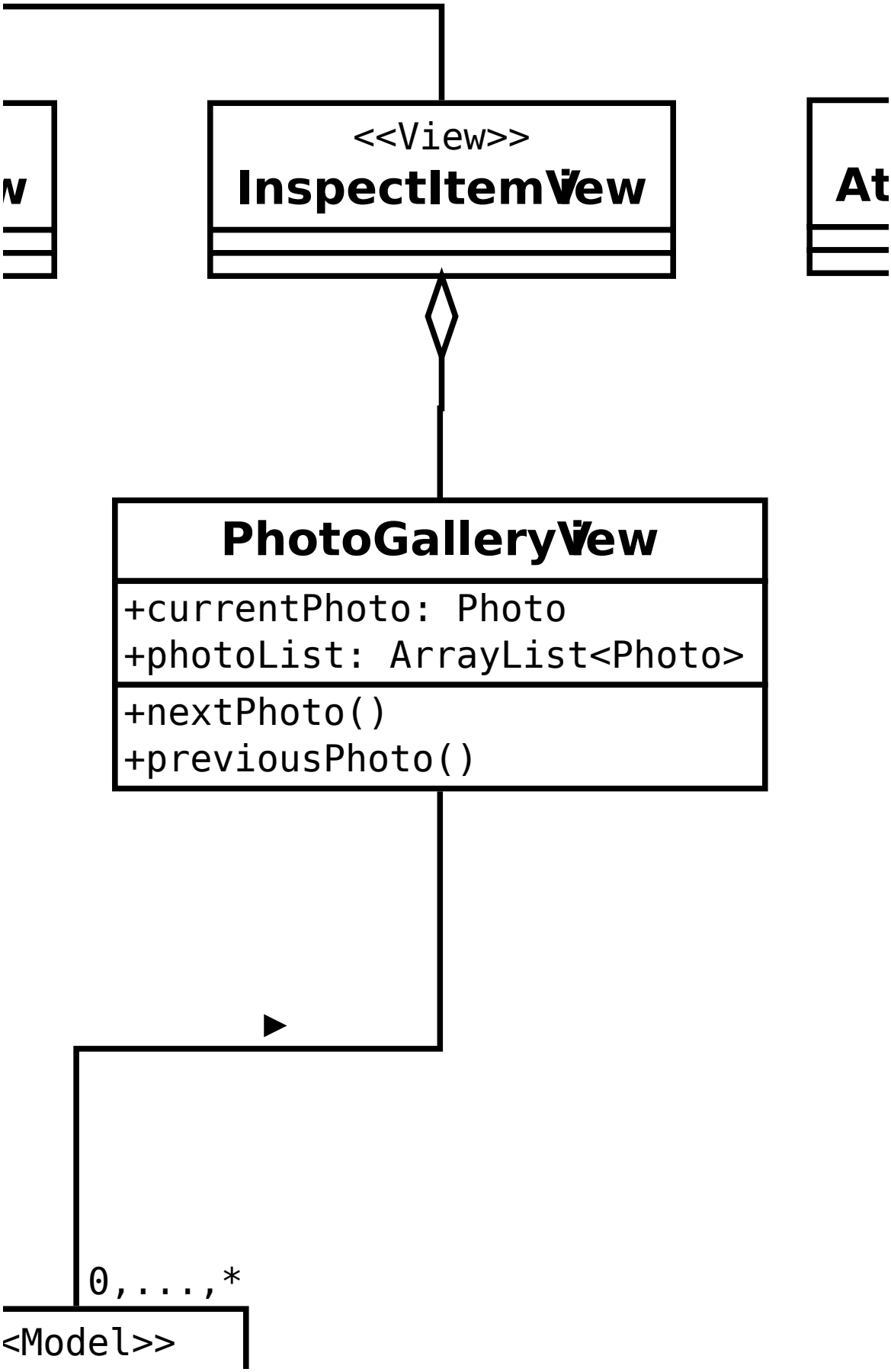

ItemTile
-name: String
-category: String
-thumnailPhoto: Photo
+setName(name:String): void
+setCategory(category:String): vo
+setThumbnailPhoto(photo:Photo):

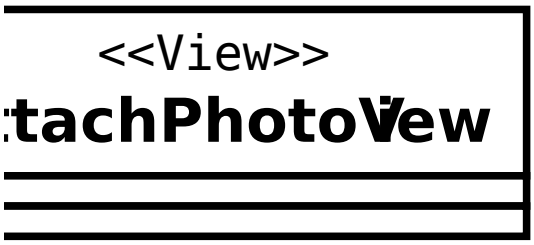

ing,category:String,
oto)
id
void
<<Vie
UserInven
<<Controller>>
UserInventoryController
-AddItemButtonClicked(): void
-item

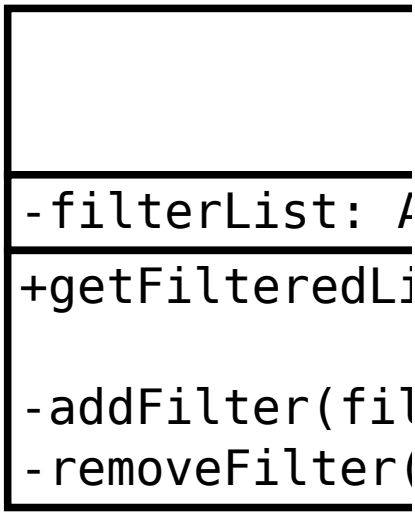

-displayItemTiles(): void
<<View>>
BrowseInven
<<Model>>
Inventory

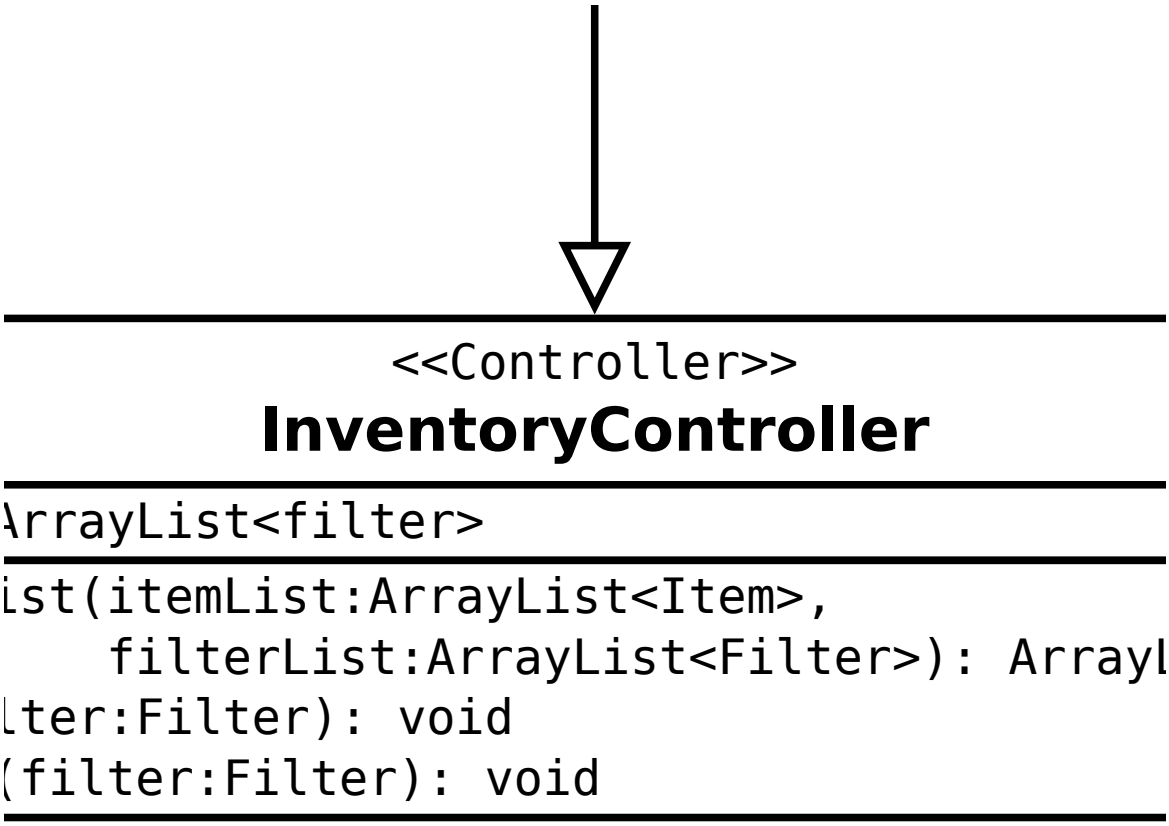

>>
toryView
<<Model

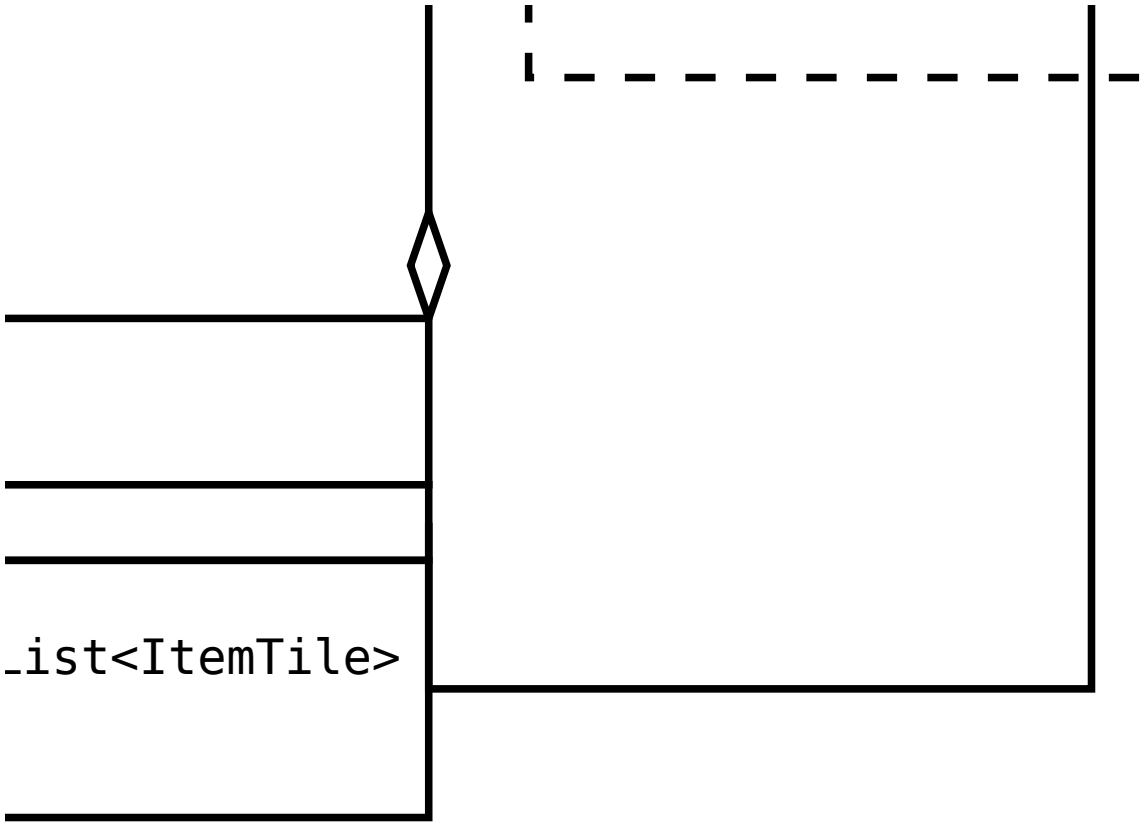

<<View>>
AddItemView
<<View>>
EditItemVie

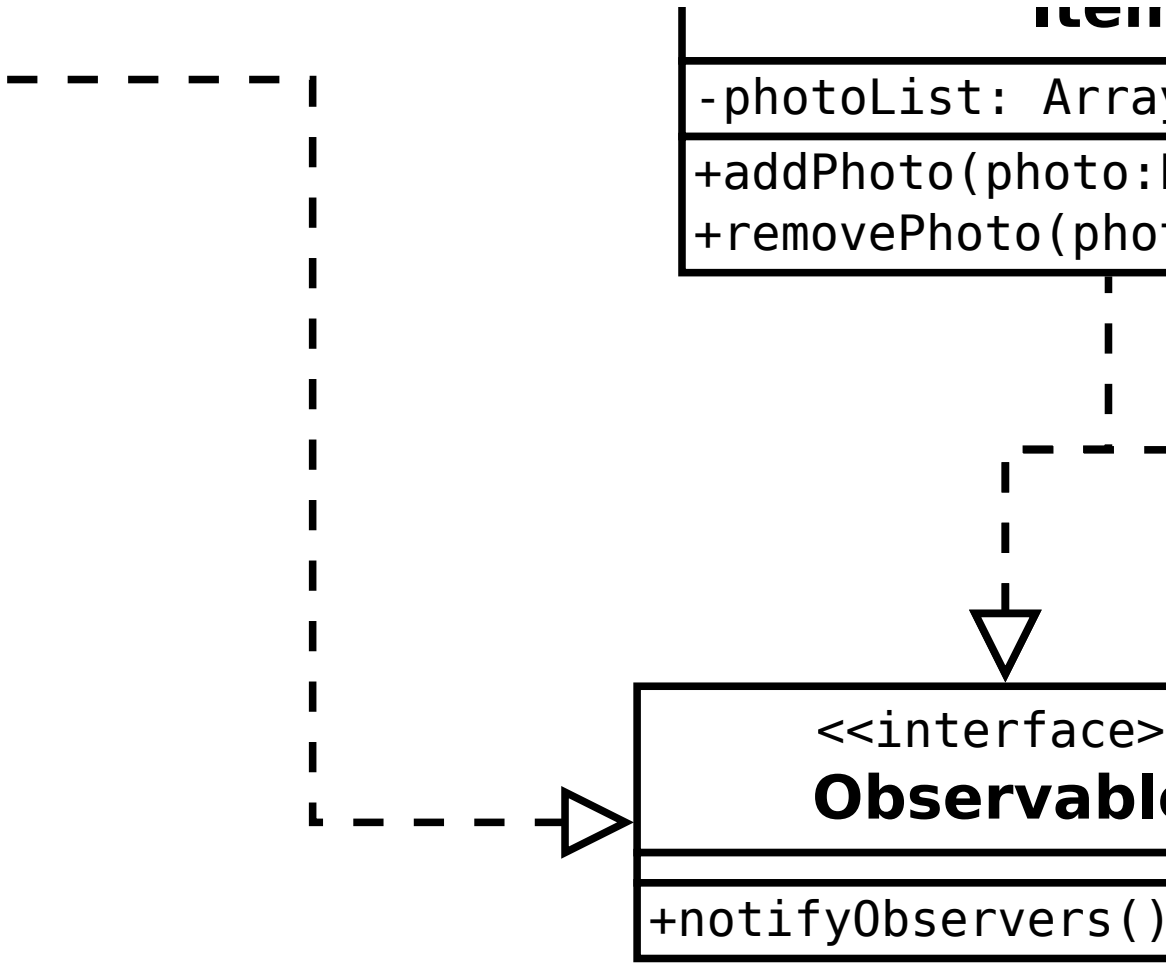

w
<<View>>
InspectItemView
At
PhotoGalleryView
+currentPhoto: Photo
+photoList: ArrayList<Photo>
+nextPhoto()
+previousPhoto()
0,...,*
<Model>

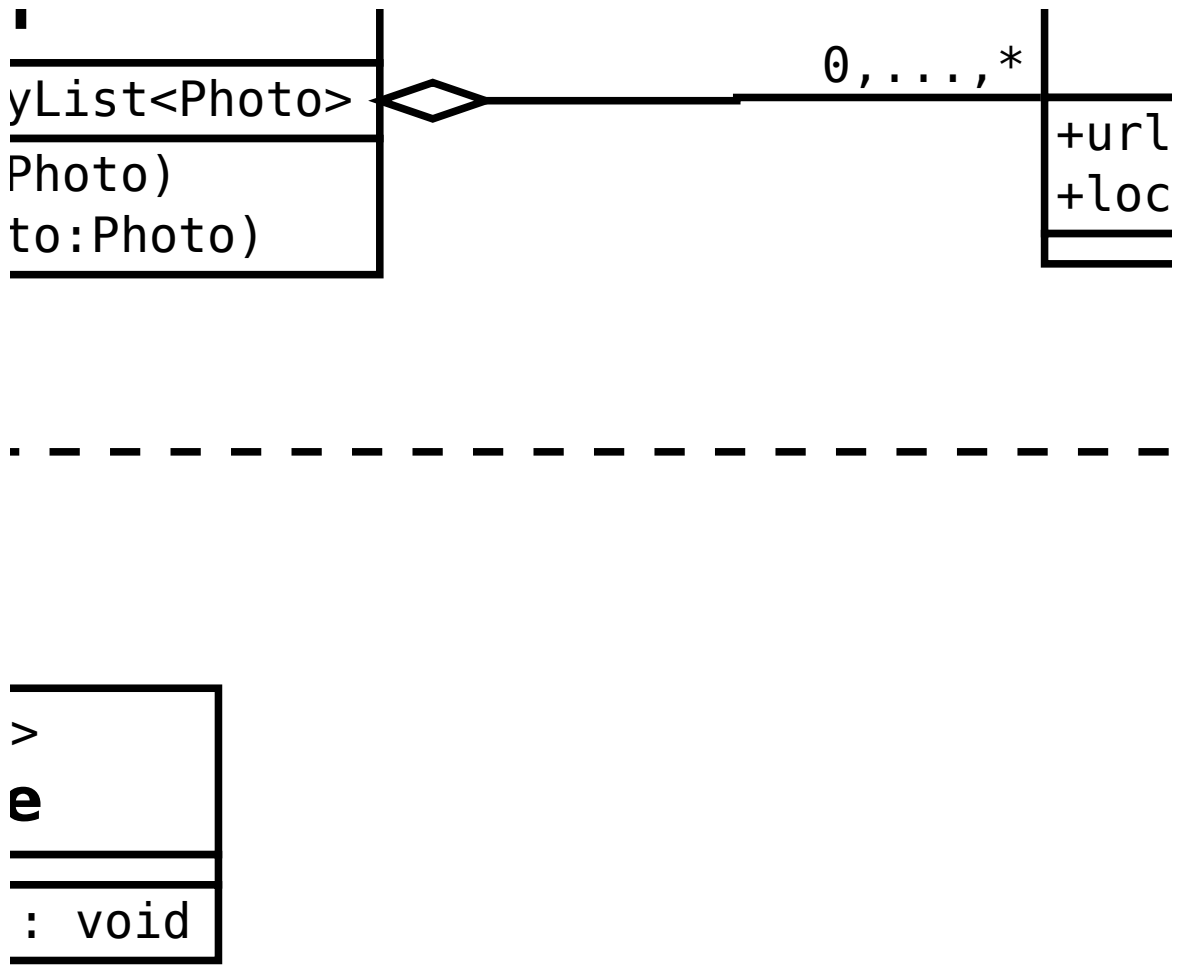

<<View>>
tachPhotoView


-filterList: A
+getFilteredLi
-addFilter(fil
-removeFilter(


<<Controller>>
InventoryController
ArrayList<filter>
ist(itemList:ArrayList<Item>,
filterList:ArrayList<Filter>): ArrayL
lter:Filter): void
(filter:Filter): void


_ist<ItemTile>


-photoList: Array
+addPhoto(photo:
+removePhoto(pho
<<interface>>
Observable
+notifyObservers()


yList<Photo>
Photo)
to:Photo)
0,...,*
+url
+loc
>
e
: void

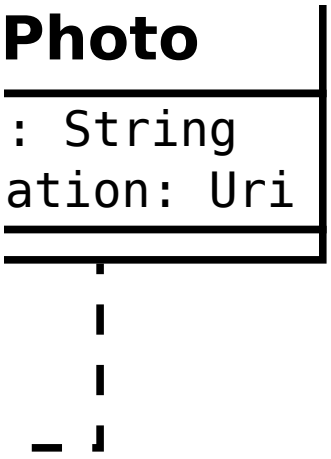


Photo
: String
ation: Uri