

# Properties

Control access and special modifiers

# Overview

- Properties
- **copy** vs. **strong**
- **nonatomic** vs. **atomic**



# Person Class

```
@interface Person : NSObject
```

```
@property (strong) NSString *name;
```

```
@property unsigned int weight;
```

```
@end
```

# strong

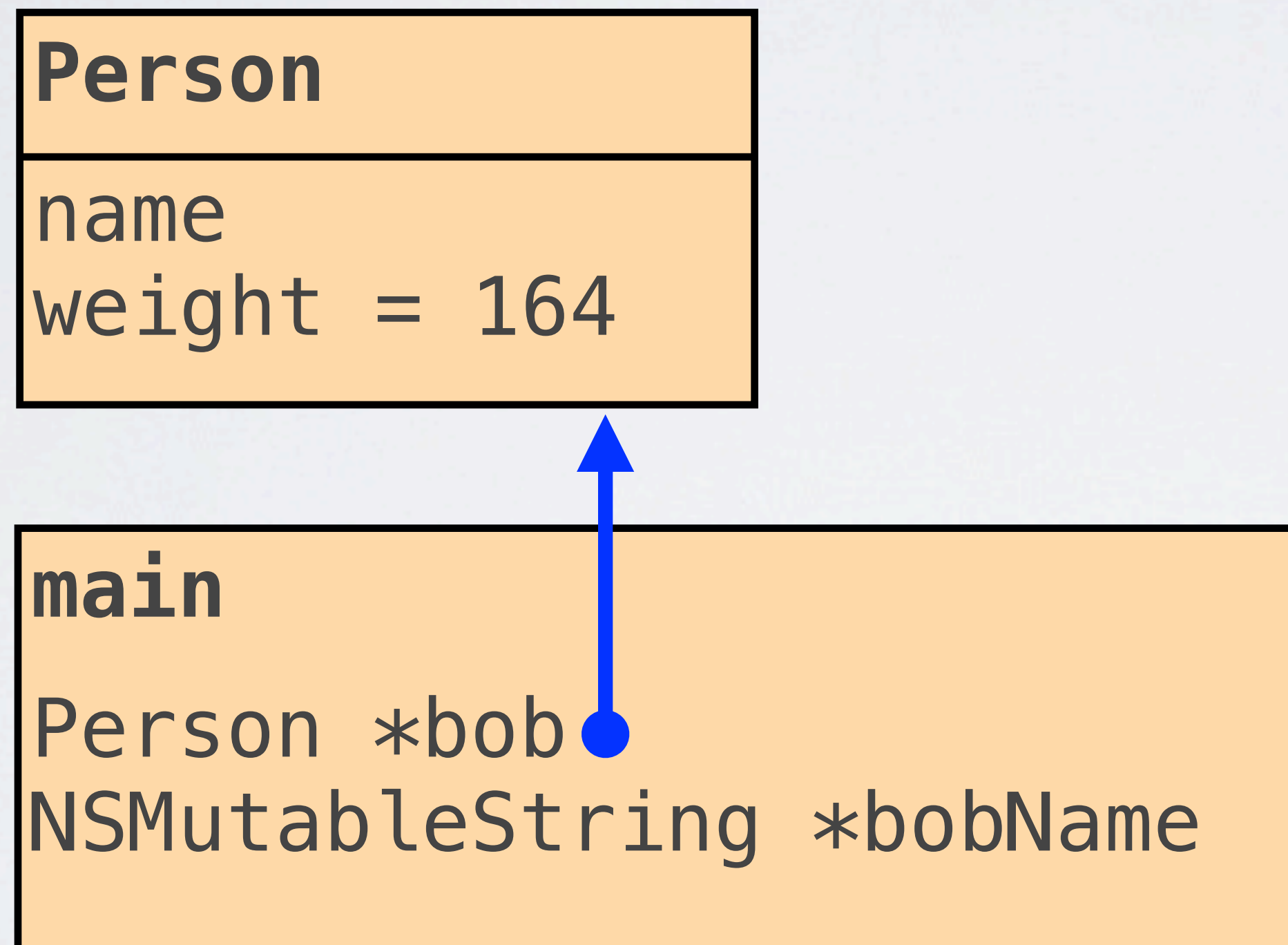
**main**

Person \*bob

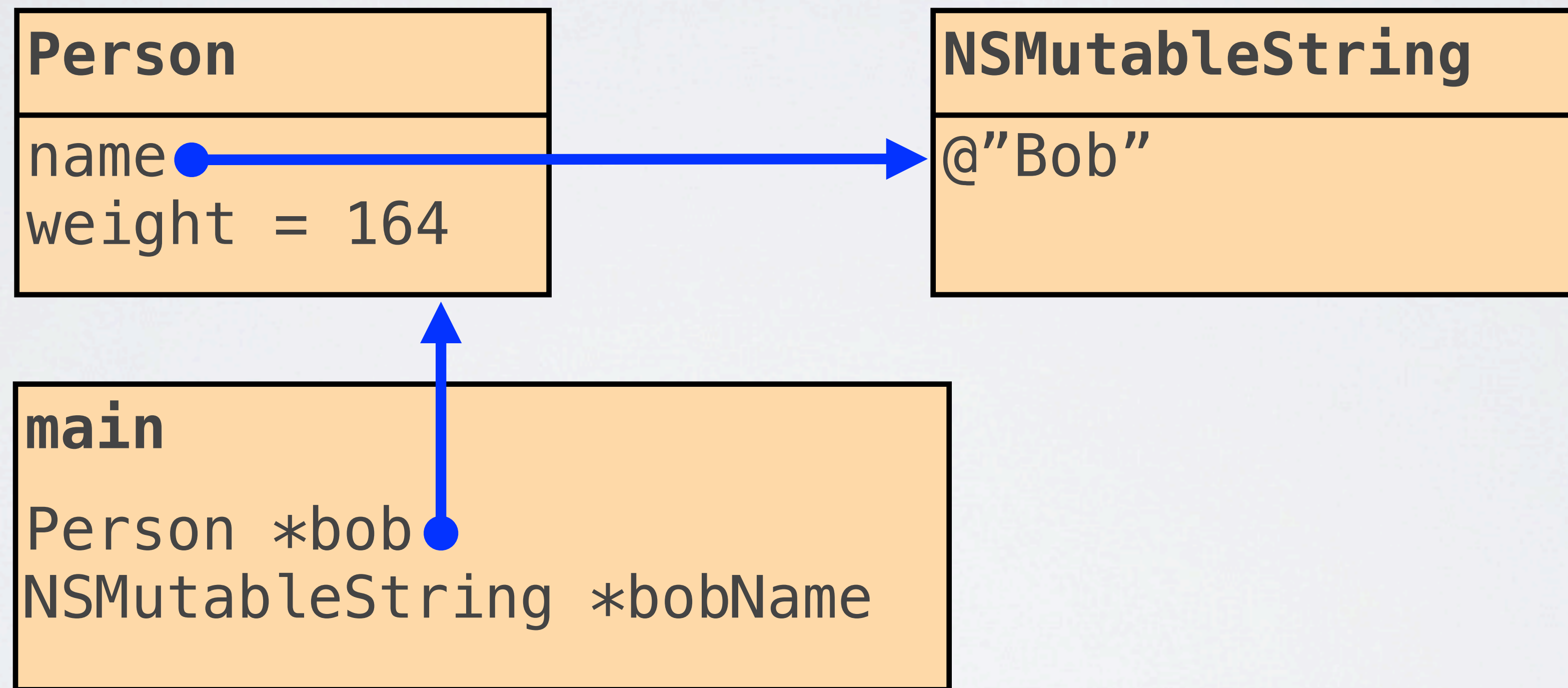
NSMutableString \*bobName



# strong

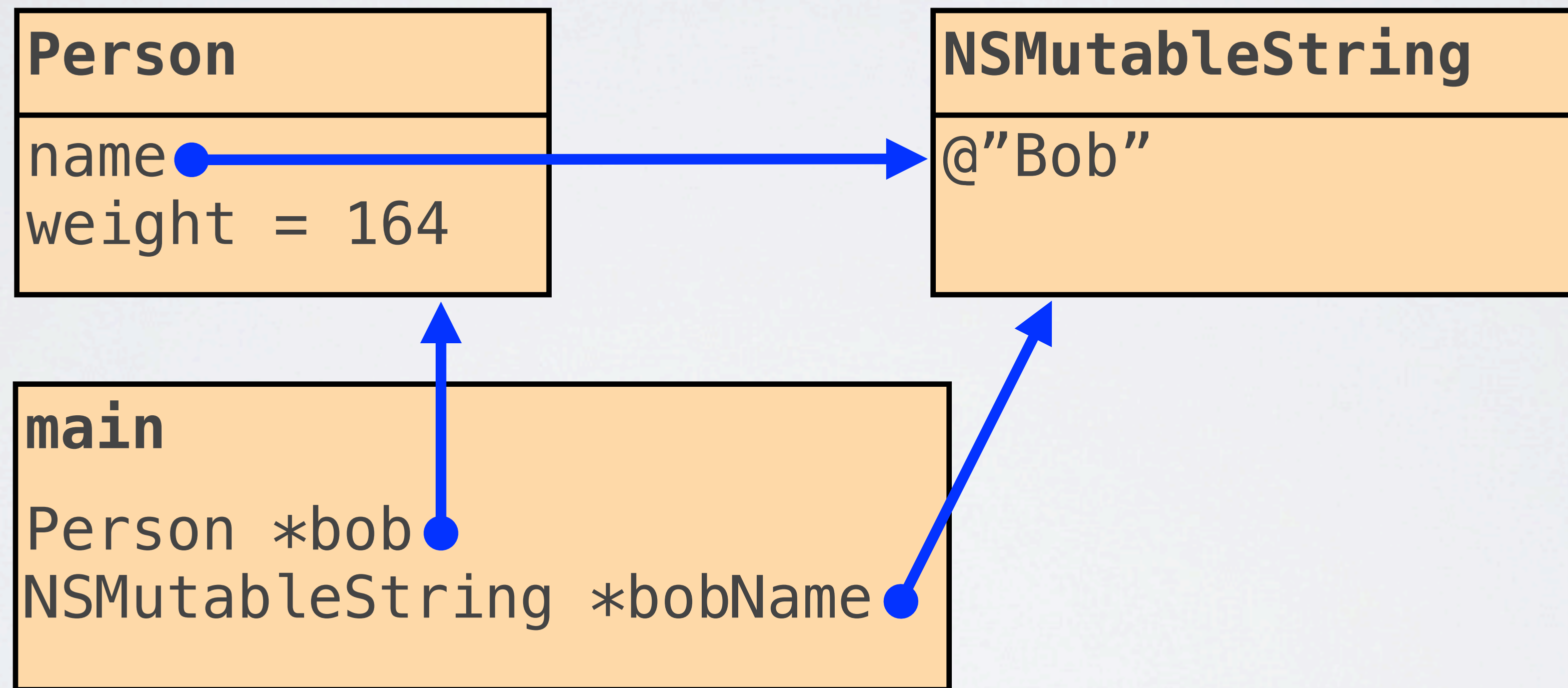


# strong

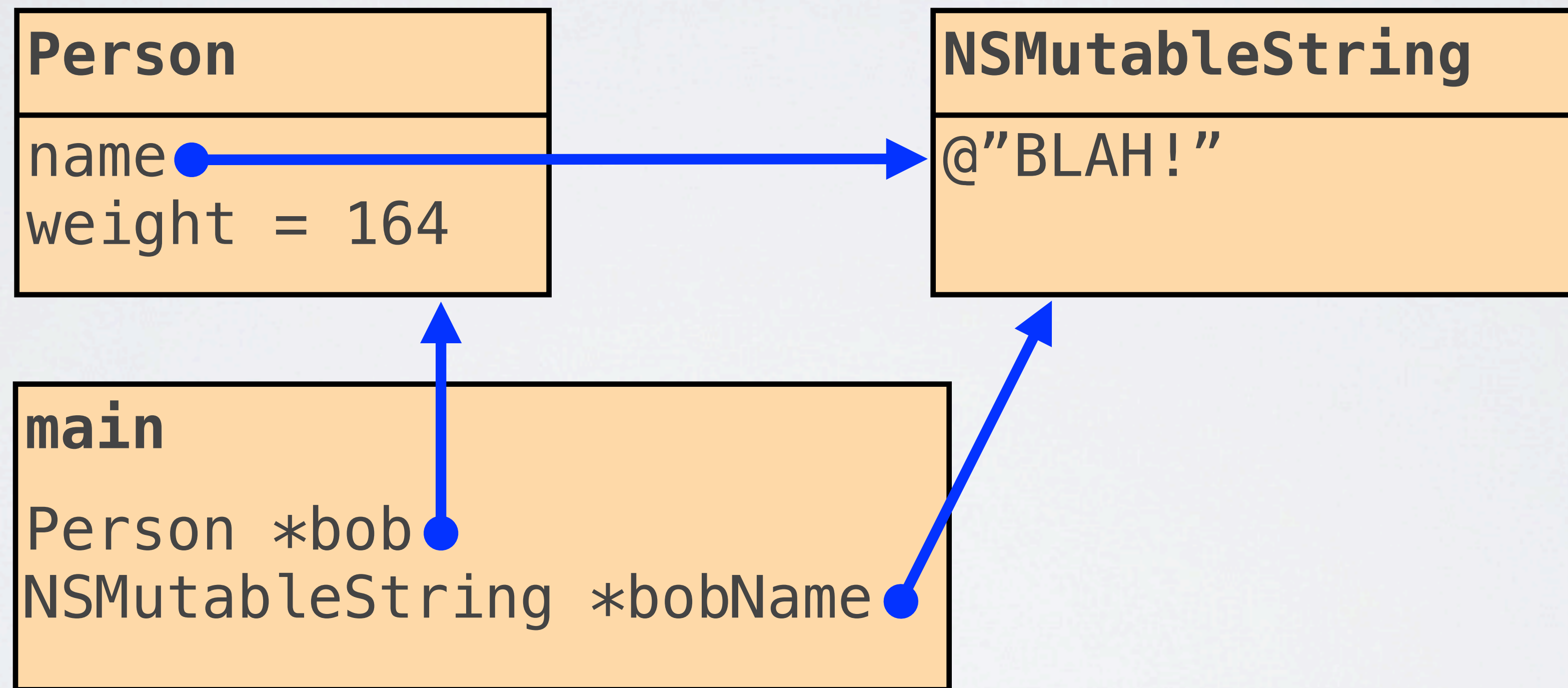




# strong



# strong





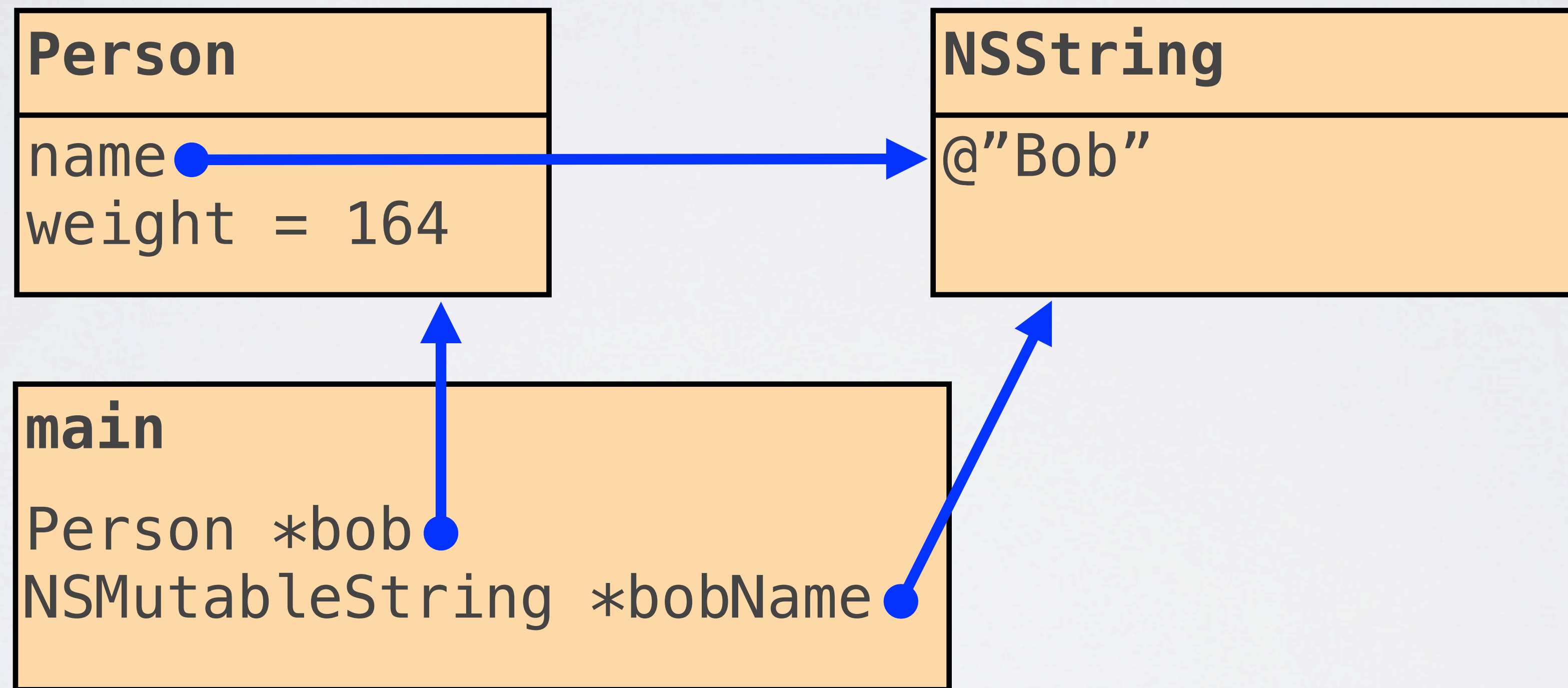
# Copy

```
@interface Person : NSObject

@property (copy) NSString *name;
@property unsigned int weight;

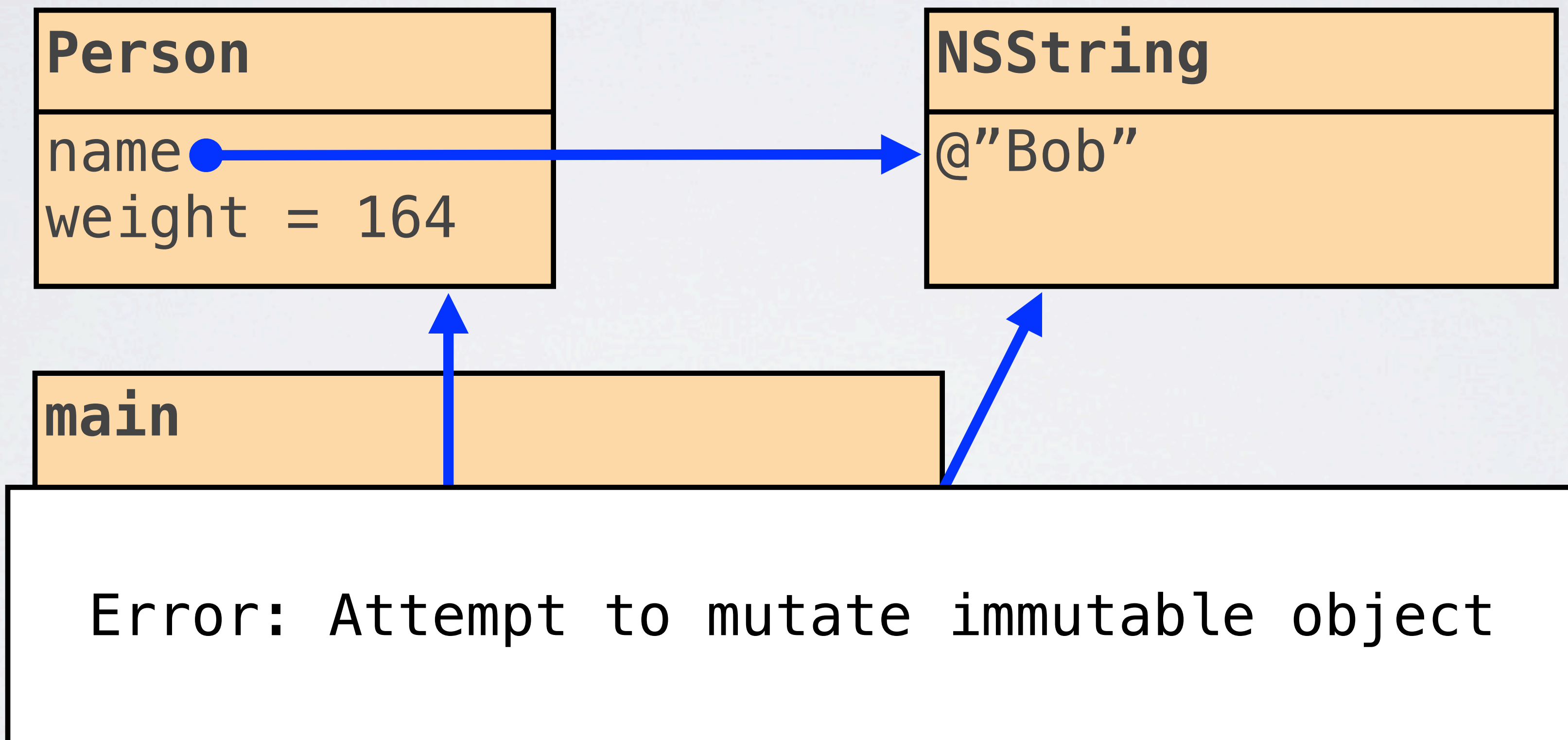
@end
```

# copy





# copy



# nonatomic

```
@interface Person : NSObject
```

```
@property (copy, nonatomic) NSString *name;
```

```
@property unsigned int weight;
```

```
@end
```



# Review

- Properties
- **copy** vs. **strong**
- **nonatomic** vs. **atomic**

