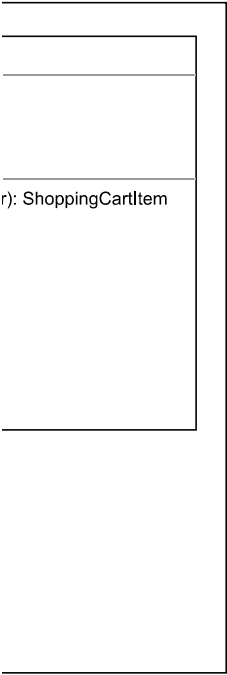


Shopping Cart  
can be separated



TODO:

- Default Values
- Produkt-Klassenaufbau
- Option validation?
- Wo werden Optionsvarianten etc. gehalten?
- User wird nicht implementiert, da von wix verwendet?
- Daher auch kein applicationService, keine Models usw.? Der importierte Teil ist Infrastruktur? Infrastruktur generell auf ~~Pages~~ eigentlich?
- Vererbungen etc., Pfeile markieren!!

Warenkorb trennen!=??

Ids oder echt objekte halten?

Änderungen an Objekten direkt upload?

product

model

Product

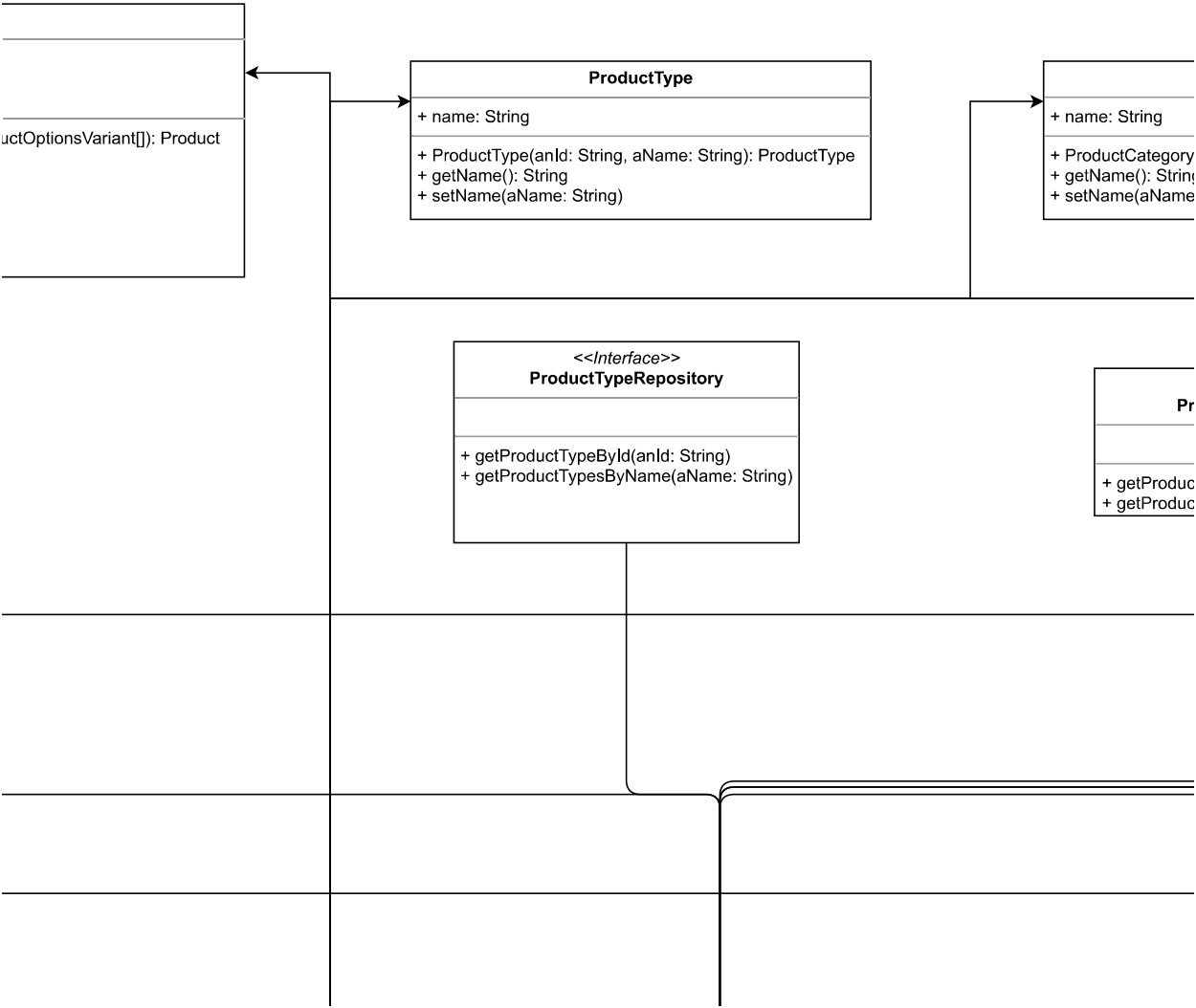
- productModelId: String  
- price: Number  
- productsOptionVariants: ProductOptionVariant[]

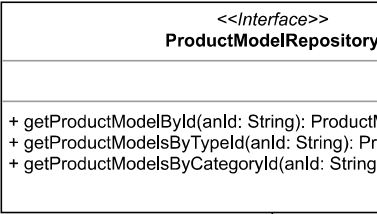
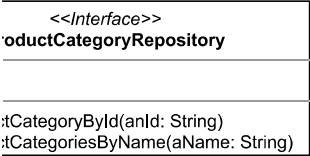
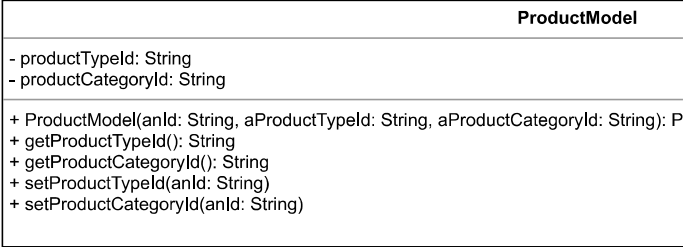
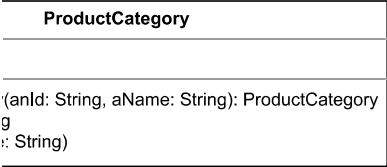
+ Product(anId: String, aProductModelId: String, aPrice: Number, aProductsOptionVariantCollection: ProductOptionVariantCollection)  
+ getProductModelId(): String  
+ getPrice(): Number  
+ getProductsOptionVariants(): ProductOptionsVariant[]  
+ setProductModelId(anId: String)  
+ setPrice(aPrice: Number)  
+ setProductsOptionVariants(aCollection: ProductOptionsVariant[])

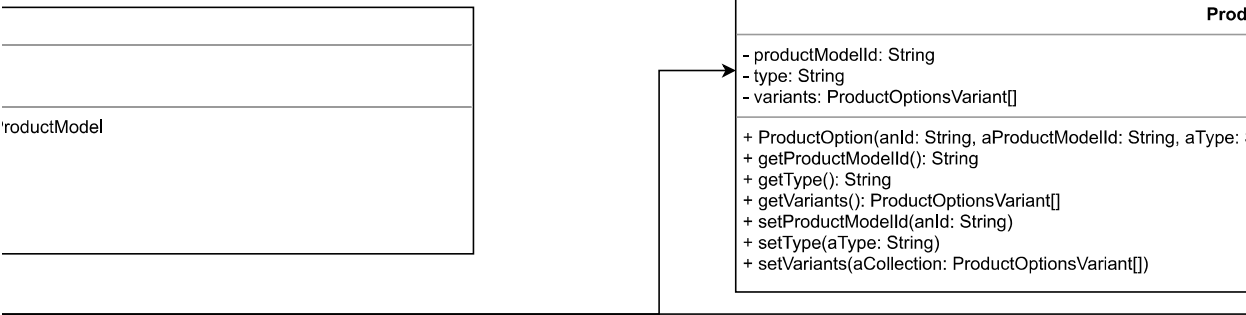
<<Interface>>  
ProductRepository

+ saveProduct(aProduct: Product)  
+ deleteProduct(aProductId: String)

application

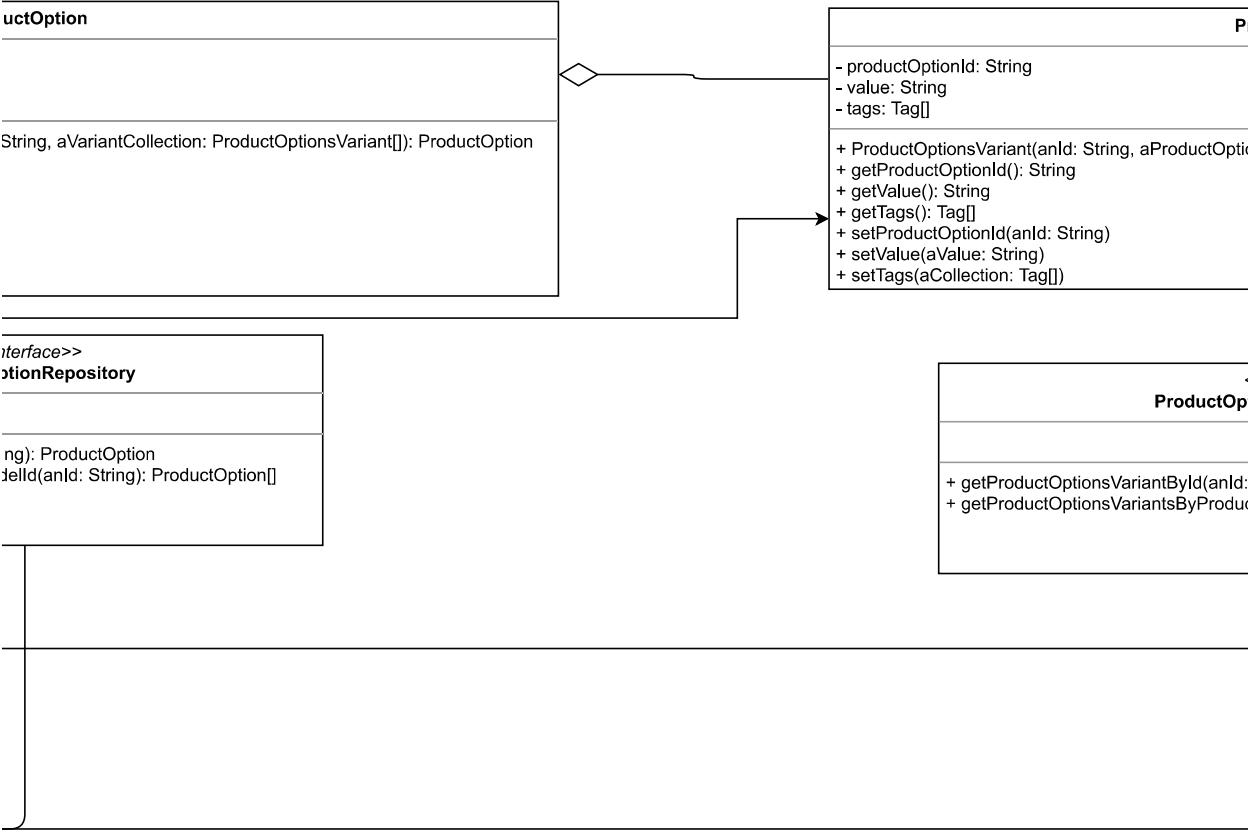


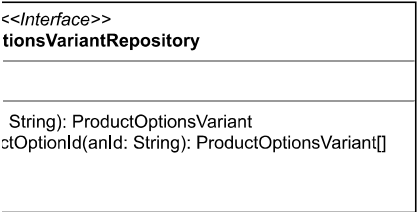
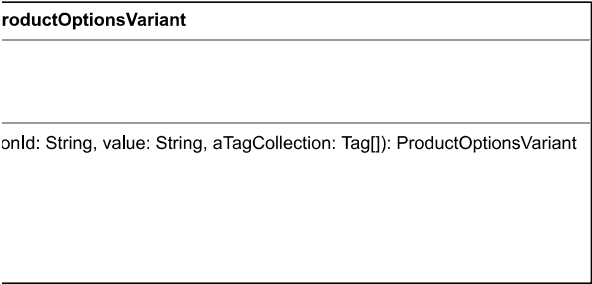




infrastructure





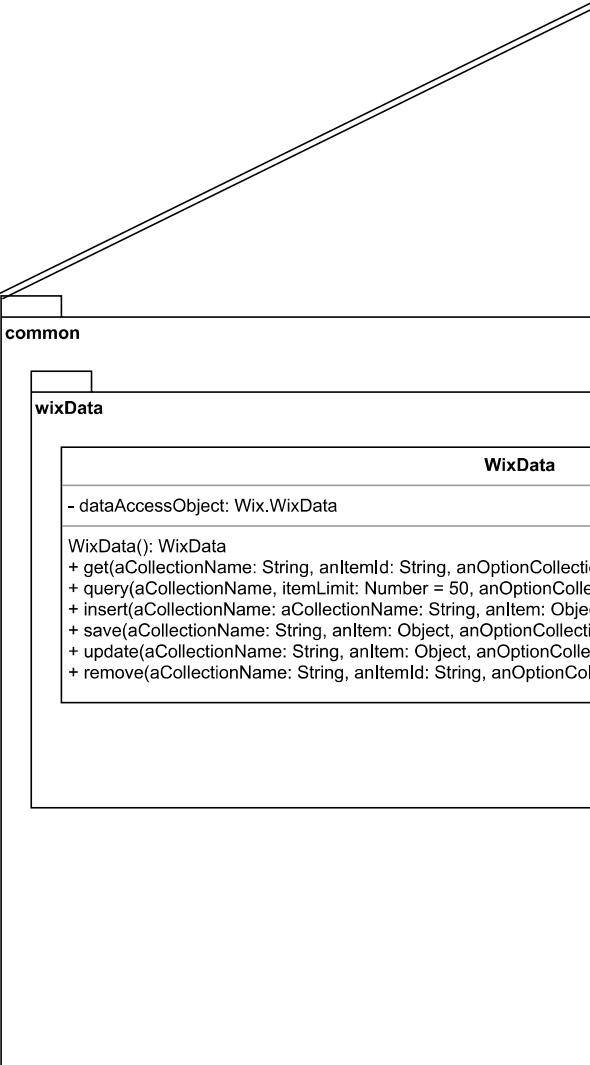


## OrderApplicationService

- orderRepository: OrderRepository  
- shoppingCartRepository: ShoppingCartRepository  
- customInformationRepository: CustomInformationRepository

+ OrderApplicationService(anOrderRepository: OrderRepository, aShoppingCartRepository: ShoppingCartRepository, aCustomInformationRepository: CustomInformationRepository)  
+ createOrder(aUserId: String, aShoppingCartId: String, aTotalPrice: Number)  
+ createShoppingCart(shoppingCartItemIds: String[])  
+ createCustomInformation(aShoppingCartItemIds: String, anInformation: String)  
+ getOrderById(anId: String): Order  
+ getShoppingCartById(anId: String): ShoppingCart  
+ getCustomInformationById(anId: String): CustomInformation  
+ getCustomInformationsByShoppingCartItemIds(anId: String): CustomInformation[]

stomInformationRepository: CustomInformationRepository): OrderApplicationService		



passing arguments to pages through wix-location.to ...

on: Wix.WixDataOptions[] = null): Object  
action: Wix.WixDataOptions[] = null): Object[]  
ct, options: Wix.WixDataOptions[] = null)  
ion: Wix.WixDataOptions[] = null)  
ction: Wix.WixDataOptions[] = null)  
llection: Wix.WixDataOptions[] = null)

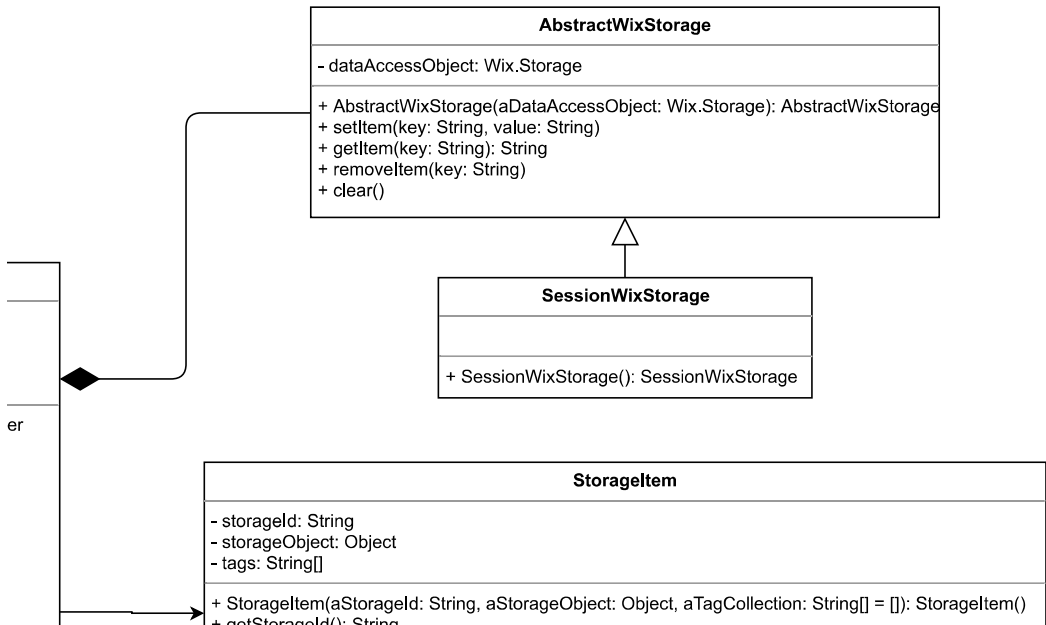
wixStorage

WixStorageManager

- storage: AbstractWixStorage  
  
- STORAGE\_KEYS: Map<String, String>  
- STORAGE\_VALUES: Map<String, String>  
  
+ WixStorageManager(aStorage: AbstractWixStorage): WixStorageManager  
+ storeOrUpdateStorageItem(anItem: StorageItem)  
+ getStorageItemById(anId: String): StorageItem  
+ getAllStorageItems(): StorageItem[]  
+ getStorageItemsByTag(aTag: String): StorageItem[]  
+ deleteStorageItemById(anId: String)  
+ deleteAllStorageItems()  
+ storageItemExists(anId: String): boolean  
- getStorageItemIdx(anId: String): Number  
- incActIdx()

```
- productTypeRepository: ProductTypeRepository
- productCategoryRepository: ProductCategoryRepository
- productModelRepository: ProductModelRepository
- productOptionRepository: ProductOptionRepository
- productOptionsVariantRepository: ProductOptionsVariantRepository
- productRepository: ProductRepository

+ ProductApplicationService(aProductTypeRepository: ProductTypeRepository, aProductCategoryId: String, aProductModelId: String, aProductOptionId: String, aProductOptionsVariantId: String, aProductRepository: ProductRepository): ProductApplicationService
+ createProductType(aName: String): String
+ createProductCategory(aName: String): String
+ createProductModel(aProductTypeId: String, aProductCategoryId: String, aName: String): String
+ createProductOption(aProductModelId: String, aType: String): String
+ createProductOptionsVariant(aProductOptionId: String, aValue: String): String
+ createProduct(aProductModelId: String, aProductOptionsVariantsIdCollection: String[], price: Number): String
```





ProductApplicationService

Repository: ProductCategoryRepository, aProductModelRepository: ProductModelRepository, aProductOptionRepository: ProductOptionRepository, aProduct

number): String



```

    @OptionsVariantRepository: ProductOptionsVariantRepository, aProductRepository: ProductRepository): ProductApplicationService

```

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jsTyping

JsTyping

+ typesize(anObject: Object, deep: Number = 20):  
+ inherits(aClassName: String, anObject: Object):  
+ classOf(anObject: Object): String  
+ factory(aType: String, args: anArgumentCollectic

- decActIdx()  
- storageInit(): boolean  
- initStorage()  
- clearStorage()

Object  
boolean  
n: Object[]): Object

logger

Logger

- COLORS: Object = {RED: "#60ee07, ..."}  
+ printSpace(linesCount: Number = 1)  
+ printOnKey(aContent: Object, key: String)  
+ printOrange(aContent: Object)  
+ printGreenBlue(aContent: Object)  
+ printBlue(aContent: Object)  
+ printYellow(aContent: Object)  
+ printRed(aContent: Object)  
+ printGreen(aContent: Object)  
+ log(aColor: String, aContent: Object)



```
+ getStorageId(): String  
+ getStorageObject(): Object  
+ getTags(): String[]  
+ setStorageId(anId: String)  
+ setStorageObject(anObject: Object)  
+ setTags(aCollection: String)
```









