

Apache Isis CheatSheet

Supertypes

in dom project:

```
public class SomeEntity
    extends AbstractDomainObject { }

public interface SomeRepository {}

public interface SomeDomainService {}

@Value(semanticProviderClass=
    SomeValueSemanticsProvider.class)
public class SomeValue { ... }
```

in objstore-dflt project:

```
public class SomeRepositoryDefault
    extends AbstractRepositoryAndFactory{}
```

in fixture project:

```
public class SomeFixture extends AbstractFixture {}
```

Configuration

isis.properties:

- isis.services / isis.services.prefix for services
- isis.fixtures / isis.fixtures.prefix for fixtures

images live in "images" package on classpath
(ie src/main/resources/images)

IDE Support

Code folding:

- copy com.cb.eclipse.folding_1.0.6.jar into
.../eclipse/dropins

Templates:

- install templates/isis-templates.xml

Class Members

"see it, use it, do it" (ie hide / disable / validate)

Properties

```
isp - getFirstName() / setFirstName()

ispmmod - modifyFirstName() / clearFirstName()

isphid -hideFirstName()

ispdis - disableFirstName()

ispval - validateFirstName(): String

ispcho - choicesFirstName(): List<String>
```

Collections

```
iscl - getOrders() : List

iscs - getOrders() : Set

iscmod - {addTo/removeFrom}Orders()

ischid - hideOrders() : Boolean

iscdis - disableOrders() : String

iscval - validate{AddTo/RemoveFrom}Orders
```

Actions

```
isa - placeOrder(X x, Y y, Z z)

isahid - hidePlaceOrder(): Boolean

isadis - disablePlaceOrder(): String

isaval - validatePlaceOrder(X x, Y y, Z z) : String

isacho - choices{0/1/2}PlaceOrder(): List<X/Y/Z>

isadef - default{0/1/2}PlaceOrder(): X/Y/Z
```

Other Methods

isds - inject repository / inject domain service

isidtitle - title()

isidicon - iconName()

Annotations (org.apache.isis.applib.annotations)

presentation hints:

- @MemberOrder
- @DescribedAs
- @Named
- @TypicalLength

domain constraints:

- @Hidden
- @Disabled
- @MaxLength
- @Optional
- @Regex
- @MustSatisfy(SomeSpec.class)
- @NotPersistable
- @Immutable

Value Types

- 8 primitive types + wrappers, enums
- org.apache.isis.value
- custom, using @Value

Hints and Tips

- ispmmod/iscmod for mutual registration pattern
- use composite fixtures
- enums automatically provided choices
- LogonFixture / SwitchUserFixture / DateFixture