***Supertypes*** (convenience)

***Apache Isis CheatSheet***

*in dom project:*

public class SomeEntity  
 extends AbstractDomainObject { }

public interface SomeRepository {}

public interface SomeDomainService {}

@Value(semanticsProviderClass=  
 SomeValueSemanticsProvider.class)  
public class SomeValue { … }

*in objstore-default project:*

public class SomeRepositoryDefault  
 extends AbstractRepositoryAndFactory{}

*in fixture project:*

public class SomeFixture extends AbstractFixture {}

***DomainObjectContainer*** (org.apache.isis.applib)

is injected through AbstractDomainObject, etc.

* newTransientInstance(SomeEntity.class)
* persist(transientObj), remove(persistedObj)

***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: com.cb.eclipse.folding\_1.0.6.jar plugin

Templates: install templates/isis-templates.xml

***Properties***

isp - getFirstName() / setFirstName()

ispmod - 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***

* "see it, use it, do it" (ie hide / disable / validate)
* ispmod/iscmod for mutual registration pattern
* enums automatically provided choices
* powertype pattern
* mutual registration pattern
* use composite fixtures
* dates/times default from Clock.getInstance()
* LogonFixture / SwitchUserFixture / DateFixture