CSLA4 Cheat Sheet

Snippet	Description
cslaprop	Add a ReadWrite property
cslapropc	Add a ReadWrite property with value conversion.
cslapropdt	Add a ReadWrite SmartDate property
cslapropp	Add a ReadWrite property with private backing field
cslapropna	Add a ReadWrite property with no authorization or rules.
cslapropg	Add a Readonly property with authorization
cslapropgc	Add a Readonly property with value conversion
cslapropgp	Add a Readonly property with private backing field
cslachild	Add an Owning child object reference
cslachildl	Add an Owning child object reference with lazy load
cslachildla	Add an Owning child object reference with async lazy load
cslapropir	Add an Inter-graph reference property
cslapropur	Add a Using reference property

Snippet	Description
cslarule	Add a private Business Rule class
cslarulea	Add a private Authorization Rule class

Snippet	Description
cslafact	Add factory methods.
cslafacta	Add async factory methods

Snippet	Description
cslabiz	Add business region for defining business rules and object level authorization rules.
csladata	Add data access region with DataPortal.XYZ methods
cslacrit	Add a private criteria class

EditableRoot
Editable parent (root) that owns data access (DataPortal.XYZ) and update transactions. Can use any type of properties.

EditableChild
Child object and can only exist in the context of a parent editable object or list. Can use any type of properties and Child_XYZ data accss methods

EditableRootListParent
Editable parent (root) that is a list of editable child objects and owns data access (DataPortal.XYZ) and update transactions.

EditableRootParent
Same as Editable root with sample of owning editable child list.

EditableChildList
Editable list of editable children and can only exist in context of a parent editable root or editable child.

SwitchableObject
Instance will be either editable root or child determined by which factory method is used to create the object.

ReadOnlyRoot
Readonly root object that owns data acess (DataPortal.XYZ). Use readonly properties.

ReadOnlyChild
Readonly child and can only exist in context of an owning parent object. Use Readonly properties.

ReadOnlyList
Parent (root) object that is a list of readonly child objects and owns data access (DataPortal.XYZ).

ReadOnlyChildList
List of Readonly child and can only exist in context of a parent object.

AuthorizationRule
Only one authorization rule allowed per method or property.

BusinessRule
Multiple rules can be added at property or object level. Use Priority to control execution sequence (low to high). May inherit or use rule chaining to execute inner rules.

NameValueList
List of key/value pairs typically used for ComboBox'es. Owns data access (DataPortal_XYZ). Uses singelton pattern and will cache content of list.

CommandObject
Use for data access methods that are not part of a CRUD operation. Owns data access (DataPortal_XYZ).

ObjectFactory
For isolated data access into separate assembly. Use ObjectFactory attribute on corresponding objects that owns DataPortal_XYZ calls.