

Contract C01: getLocation

Operation: getLocation

Cross References: simple staff location story import

Preconditions: None

Postconditions:

- No objects modified

Contract C02: modifyLocation

Operation: modifyLocation(locationID:integer)

Cross References: simple staff location story import

Preconditions:

- Location object created

PostConditions:

- Copy of Location object associated with locationID created

Contract C03: typeAddress

Operation: typeAddress(addressText:String)

Cross References: simple staff location story import

Preconditions:

- Location object created

Postconditions:

- Location attribute address modified

Contract C04: displayAddressVerification

Operation: displayAddressVerification(address:String)

Cross References: simple staff location story import

Preconditions:

- Location object created and address field set

Postconditions

- preview pane was created
- Address attribute of location displayed

Contract C05: imageUploader

Operation: imageUploader()

Cross References: simple staff location story import

Preconditions: no

Postconditions:

- Image object was created

Contract C06: selectImage

Operation: selectImage(imageID:integer)

Cross References: simple staff location story import

Preconditions: image object exists

Postconditions:

- Image object associated with a picture via imageID

Contract C07: imageConfirm

Operation: imageConfirm()

Cross References: simple staff location story import

Preconditions: image object exists and is associated with a picture

Postconditions:

- Image is associated with Location object created in modifyLocation(locationID)

Contract C08: displayImage

Operation: displayImage(imageID:integer)

Cross References: simple staff location story import

Preconditions: image object is created and associated with imageID, preview pane object exists

Postconditions:

- Preview pane is modified to display image as well as address

Contract C09: descriptionField

Operation: descriptionField()

Cross References: simple staff location story import

Preconditions: location object exists

Postconditions:

- Location description is retrieved for modification

Contract C10: typeDescription

Operation: typeDescription(descriptionText:String)

Cross References: simple staff location story import

Preconditions: location object exists

Postconditions:

- Location attribute description is modified

Contract C11: finishLocationModification

Operation: finishLocationModification

Cross References: simple staff location story import

Precondition: copy of original location object exists

Postconditions:

- Copy of location object is no longer open for modification
- Image, description, and address attributes are all updated now
- Preview pane object deleted

Contract C12: showExpandedView

Operation: showExpandedView(locationID:integer)

Cross References: simple staff location story import

Precondition: user has finished modification of location

Postconditions:

- Expanded preview pane object created

Contract C13: locationFinishButton

Operation: locationFinishButton()

Cross References: simple staff location story import

Precondition: confirmation prompt has been displayed

Postcondition:

- Original location object replaced with modified copy of location
- All preview panes are deleted