



APPENDIX **A**

Helper Modules

The data objects needed by the core API have been defined as a set of modules. Each module has the corresponding get and set methods defined to access or set the values of the variables in that module. The helper modules are as follows:

- [Cisco::CLM::Common::AuditTrail](#), page A-II
- [Cisco::CLM::Common::CountInfo](#), page A-III
- [Cisco::CLM::Common::Device](#), page A-III
- [Cisco::CLM::Common::DeviceAuthentication](#), page A-VI
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Cisco::CLM::Common::AuditTrail

This module defines the AuditTrail methods.

Method	Parameters	Return Value	Description
get_user	None	String	Returns the user
get_start_time	None	Time in milliseconds since the start of the epoch	Returns the start time of an operation
get_end_time	None	Time in milliseconds since the start of the epoch	Returns the end time of an operation
get_operation	None	String	Returns the operation

Method	Parameters	Return Value	Description
get_operation_status	None	One of the following Cisco::CLM::Common:::AuditTrail::Operation Status values: SUCCESS, FAILURE	Returns the operation status
get_message	None	String	Returns the message
get_affected	None	String	Returns affected task
get_id	None	String	Returns the ID

Cisco::CLM::Common::CountInfo

This module defines the CountInfo.

Method	Parameters	Return Value	Description
get_total_count	None	Integer	Returns the total count
set_total_count(\$count)	Integer	None	Sets the total count
get_usage_count	None	Integer	Returns the count in use
set_usage_count(\$count)	Integer	None	Sets the count in use

Cisco::CLM::Common::Device

This module defines the methods for getting and setting the variables for a device.

Method	Parameters	Return Value	Description
new	None or String	None	The new method creates the Device object. It takes either no parameters or the device-id as the parameter
get_check_connection_flag	None	Boolean	Returns the connection flag
set_check_connection_flag(\$val)	Boolean	None	Sets the connection flag
get_device_id	None	String	Returns the device id, which is the same as device UDI.
get_device_pid	None	String	Returns the device Product ID
get_device_vid	None	String	Returns the device Version ID

Method	Parameters	Return Value	Description
get_device_sn	None	String	Returns the device Serial Number
get_ip_addr	None	String	Returns device IP address
set_ip_addr(\$ip_addr)	String	None	Sets device IP address
get_udi	None	String	Returns device UDI
set_udi(\$udi)	String	None	Sets device UDI
get_hostname	None	String	Returns device hostname
set_hostname(\$hostname)	String	None	Sets device hostname
get_display_name	None	String	Returns display name
set_display_name(\$name)	String	None	Sets display name
get_device_platform_info	None	Array of Cisco::CLM::Common::Device::DevicePlatformInfo	Returns the information on all the platforms for the device
add_device_platform_info(\$info)	Cisco::CLM::Common::Device::DevicePlatform	None	Adds the device platform information
set_device_platform_info([@info])	Array of Cisco::CLM::Common::Device::DevicePlatform	None	Sets the information on all the platforms for the device
get_device_platform_info_by_platform(\$platform)	Cisco::CLM::Common::Device::DevicePlatform	Cisco::CLM::Common::Device::DevicePlatform	Returns the platform information for a given platform
get_licensable_features	None	Array of String	Returns licensable features
get_last_poll_date	None	String	Returns poll date as a string
set_last_poll_date(\$date)	Integer	None	The input parameter is the number of milliseconds since the epoch
get_last_poll_status	None	One of the following Cisco::CLM::Common::Device::PollStatus::FAILURE Cisco::CLM::Common::Device::PollStatus::SUCCESS	Returns poll status

Method	Parameters	Return Value	Description
set_last_poll_status(\$status)	One of the following Cisco::CLM::Common::Device::PollStatus::FAILURE Cisco::CLM::Common::Device::PollStatus::SUCCESS	None	Sets poll status
get_poll_by_user	None	String	Returns polled_by info
set_poll_by_user(\$user)	String	None	Sets polled_by info
get_member_dev_ids	None	Array of String	Returns the child devices' ids, applicable to master device in stackable device
set_member_dev_ids([@dev_ids])	Array of String	None	Sets the member device ids, applicable to master device in stackable device
get_parent_dev_id	None	String	Returns the parent device id, applicable to child devices in stackable devices
set_parent_dev_id(\$parent_id)	String	None	Sets the parent device id, applicable to child devices in stackable devices
get_credential	None	String	Returns device credential
set_credential(\$cred)	String	None	Sets device credential
get_device_model	None	String	Returns device model
set_device_model(\$model)	String	None	Sets device model
get_device_type	None	String	Returns device type
set_device_type(\$type)	String	None	Sets device type
get_device_access_list	None	Array of Strings	Returns device access list
set_device_access_list([@list])	Array of String	None	Sets device access list

Method	Parameters	Return Value	Description
get_device_state	None	One of the following DeviceState values; Cisco::CLM::Common::Device::DeviceState:: DEV_CONNECT, DEV_CANNOT_PING, DEV_CANNOT_AUTHENTICATE, DEV_CANNOT_CONNECT	Returns the device state
get_device_swversion	None	String	Returns the software version
set_device_swversion(\$ver)	String	None	Sets the software version
get_feature_info	None	Array of FeatureInfo objects	Returns the feature info
get_rmaflag	None	Boolean	Returns True if device is rma, false otherwise
set_rmaflag(\$if_rma)	Boolean	None	Sets the RMA
get_dirty_flag	None	Boolean	Returns true if device is marked dirty, false otherwise
set_dirty_flag(\$if_dirty)	Boolean	None	Sets the device dirty
get_slot	None	integer	Returns the slot # for the device
set_slot(\$num)	integer	None	Sets the slot # for the device
add_user_to_device_access_list	String	Boolean	Adds the user to device access list, returns true if the addition is successful, else false
rm_user_from_device_accesslist	String	Boolean	Removes user from the device access list
remove_device_access_list	none	none	Resets the device access list to null.

Cisco::CLM::Common::DeviceAuthentication

This module defines the methods for getting and setting the device authentication information.

Method	Parameters	Return Value	Description
new	None	None	This method creates the DeviceAuthentication object
new(\$user,\$password,\$enable_password)	String,String,String	DeviceAuthentication object	This method creates the DeviceAuthentication object with the given input values
get_username	None	String	Returns username
set_username(\$username)	String	None	Sets username
get_password	None	String	Returns password
set_password(\$passwd)	String	None	Sets password
get_enable_password	None	String	Returns enable password for IOS devices
set_enable_password(\$passwd)	String	None	Sets enable password for IOS devices

Cisco::CLM::Common::DeviceFilter

This module defines the get and set methods for the device filter used in policy.

Method	Parameters	Return Value	Description
new	None	None	This method creates the DeviceFilter object
get_type	None	String	Returns the device type
set_type(\$type)	String	None	Sets the device type
get_model	None	String	Returns the device model
set_model(\$model)	String	None	Sets the device model
get_sw_version	None	String	Returns the software version
set_sw_version(\$version)	String	None	Sets the software version
get_group	None	String	Returns the device group
set_group(\$grp)	String	None	Sets the device group
get_ip_lower_limit	None	String	Returns the lower limit for IP address
set_ip_lower_limit(\$limit)	String	None	Sets the lower limit for IP address
get_ip_upper_limit	None	String	Returns the upper limit for IP address
set_ip_upper_limit(\$limit)	String	None	Sets the upper limit for IP address

Cisco::CLM::Common::DevicePlatformInfo

This module defines platform specific information. A device may support different kinds of platform specific licensing. DevicePlatformInfo encapsulates the licensing information per platform type.

Method	Parameters	Return Value	Description
new	Cisco::CLM::Common::Device::TransportMethod, int	None	Returns the DevicePlatformInfo object
get_connect_state	None	One of the following: Cisco::CLM::Common::Device::DeviceState:: DEV_CANNOT_AUTHENTICATE DEV_CANNOT_CONNECT DEV_CANNOT_PING DEV_CONNECT	Returns the connection state
get_device_access_info	None	Array of String	Returns an array of three strings: <ol style="list-style-type: none"> 1. The first string gives the transportMethod. 2. The second string gives the license agent 'url.' 3. The third gives the license agent version. <p>Note If the transport method is telnet/ssh, the second and third strings are null</p>
set_device_access_info([@info])	Array of String	None	Sets the device access information
get_device_authentication	None	Cisco::CLM::Common::DeviceAuthentication	Returns the DeviceAuthentication object, containing the username/pwd, and enable pwd used for telnet/ssh
set_device_authentication([@auth])	Cisco::CLM::Common::DeviceAuthentication	None	Sets the DeviceAuthentication
get_device_lic_capabilities	None	An array of Cisco::CLM::Common::Device::LicenseOperation	Returns the licensing operations supported for a device platform
set_device_capabilities([@ops])	An array of Cisco::CLM::Common::Device::LicenseOperation	None	Sets the licensing operations for a device platform
get_device_platform	None	One of the following: Cisco::CLM::Common::Device::DevicePlatform:: CISCO12K CSL IPS UNKNOWN URLF WNBU	Returns the platform

Method	Parameters	Return Value	Description
set_device_platform(\$platform)	One of the following: Cisco::CLM::Common::Device::DevicePlatform:: CISCO12K CSL IPS UNKNOWN URLF WNBU	None	Sets the device platform
get_feature_info	None	Array of Cisco::CLM::Common::FeatureInfo	Returns the information for licensable features on the device platform
set_feature_info([@features])	Array of Cisco::CLM::Common::FeatureInfo	None	Sets the information for licensable features on the device platform
get_licensable_features	None	Array of String	Returns the features that are licensable
set_licensable_features([@features])	Array of String	None	Sets the licensable features
get_transport_method	None	Cisco::CLM::Common::Device::TransportMethod	Returns the transport method associated with the platform
set_transport_method(\$method)	Cisco::CLM::Common::Device::TransportMethod	None	Sets the transport method associated with the platform
get_transport_port	None	integer	Returns the port number used by the transport method
set_transport_port(\$port)	integer	None	Sets the port number used by the transport method
set_connect_state(\$state)	Cisco::CLM::Common::Device::DeviceState	None	Sets the device connection state

Cisco::CLM::Common::DeviceStatus

This module gets and sets the DeviceStatusItem list. It inherits all the methods of Cisco::CLM::Common::Status in addition to the ones given below.

Method	Parameters	Return Value	Description
get_device_status_items	None	Array of DeviceStatusItem	Returns the DeviceStatusItem list
set_device_status_items([@items])	DeviceStatusItem object Array	None	Sets the DeviceStatusItem list

Cisco::CLM::Common::DeviceStatusItem

This module gets and sets the Device object. It inherits all the methods of Cisco::CLM::Common::Status in addition to the ones given below.

Method	Parameters	Return Value	Description
get_device	None	Device object	Returns the Device object
set_device(\$dev)	Device object	None	Sets the Device object

Cisco::CLM::Common::DiscoveryAuthInfo

This module gets and sets information needed for device discovery.

Method	Parameters	Return Value	Description
new(@user_pwd_array,@string_array)	Array of UserPwd objects, String Array of enable passwords	None	Returns the DiscoveryAuthInfo object
get_user_pwd_pairs	None	Array of UserPwd objects	Returns the User-password pair.
get_enable_passwords	None	Array of String	Returns an array of enable passwords

Cisco::CLM::Common::EulaInfo

This module gets and sets the EULA information.

Method	Parameters	Return Value	Description
new(\$accepted,\$do_no_ask)	\$accepted – Boolean \$do_not_ask – Boolean	None	Creates EulaInfo object
new	None	None	Creates EulaInfo object
get_eula_accepted	None	Boolean	Returns true if EULA is accepted, false otherwise
get_do_not_ask_again	None	Boolean	Returns true/false
set_do_not_ask_again(\$val)	Boolean	None	Sets the ‘Do not ask again’
get_eula_accepted_time	None	String	Returns the date of eula acceptance
get_eula_statement	None	String	Returns the EULA statement
set_eula_accepted(\$val)	Boolean	None	Sets the “Eula Accepted”

Cisco::CLM::Common::ExpiredLicense

This module contains information on expired licenses.

Method	Parameters	Return Value	Description
get_licline_ids	None	Array of String	Returns an array of license line ids.
get_device_id	None	String	Returns the device id
get_feature_name	None	String	Returns the feature name
get_feature_version	None	String	Returns the feature version

Cisco::CLM::Common::ExpiryInfo

This module contains the expiration information of license line.

Method	Parameters	Return Value	Description
new	None	None	Returns the ExpiryInfo object
get_expire_type	None	Cisco::CLM::Common::LicenseLine::LLExpireType:: DAY_BASE, DATE_BASE	Returns the expiry type of the license line
set_expiry_type(\$type)	Cisco::CLM::Common::LicenseLine::LLExpireType:: DAY_BASE, DATE_BASE	None	Sets the expiry type of the license line
get_expire_days	None	Integer	Returns the number of days to expire for DAY_BASE
set_expire_days(\$days)	Integer	None	Sets the number of days for expiry
get_start_day	None	String	Returns the start date for DATE_BASE
set_start_day(\$date)	Integer	None	Sets the start date, the date parameter is an integer representing the number of milliseconds since the epoch
get_end_day	None	String	Returns the end date as a String for DATE_BASE
set_end_day(\$date)	Integer	None	Sets the end date, the date parameter is an integer representing the number of milliseconds since the epoch

Method	Parameters	Return Value	Description
get_expire_days_from_last_poll	None	Integer	Returns the number of days to expire from the last poll
set_expire_days_from_last_poll(\$days)	Integer	None	Sets the number of days to expire from the last poll

Cisco::CLM::Common::FeatureInfo

This module contains the feature information.

Method	Parameters	Return Value	Description
new	None	None	Creates the FeatureInfo object
get_lic_line_info_list	None	Array of LicenseLineInfo objects	Returns an Array of LicenseLineInfo objects
get_total_expiry_usage	None	Integer	Returns the total expiry-usage for the license lines, the value is in milliseconds
set_total_expiry_usage(\$usage)	Integer	None	Sets the expiry_usage
get_feature_count_info	None	Cisco::CLM::Common::CountInfo	Returns the count information for the feature
set_feature_count_info(\$count)	Cisco::CLM::Common::CountInfo	None	Sets the count information for the feature
get_feature_name	None	String	Returns the feature name
set_feature_name(\$name)	String	None	Sets the feature name
get_feature_version	None	String	Returns the feature version
set_feature_version(\$ver)	String	None	Sets the feature version
get_slot_info	None	Cisco::CLM::Common::XRSlotInfo	Returns the slot information for an XR device
set_slot_info([@info])	Cisco::CLM::Common::XRSlotInfo	None	Sets the slot information for an XR device
get_usage_info	None	Cisco::CLM::Common::UsageInfo	Returns the usage information for the feature
set_usage_info(\$info)	Cisco::CLM::Common::UsageInfo	None	Sets the usage information for the feature

Cisco::CLM::Common::Group

This module defines a group and its access list.

Method	Parameters	Return Value	Description
new(\$name)	String	None	Creates the group object with specified name
get_group_name	None	String	Returns group name
get_devices	None	Array of String	Returns the devices associated with a group
get_group_access_list	None	Array of String	Returns the access-list for the group
set_devices([@devices])	Array of String	None	Sets the devices associated with a group
add_user_to_group_access_list(\$user)	String	Boolean	Returns Boolean true if addition is successful, Boolean false otherwise
rm_user_from_group_access_list(\$user)	String	Boolean	Returns Boolean true if removal is a success, Boolean false otherwise
remove_group_access_list	None	None	Resets the group access list

Cisco::CLM::Common::GroupStatus

This module defines the get and set methods to access GroupStatusItem list. It inherits all the methods of Cisco::CLM::Common::Status in addition to the ones given below.

Method	Parameters	Return Value	Description
get_group_status_items	None	Array of GroupStatusItem	Returns the list of GroupStatusItem
set_group_status_items([@list])	Array of GroupStatusItem	None	Sets the list

Cisco::CLM::Common::GroupStatusItem

This module defines the get and set methods to access Group. It inherits all the methods of Cisco::CLM::Common::Status in addition to the ones given below.

Method	Parameters	Return Value	Description
get_group	None	Group object	Returns Group object
set_group(\$grp)	Group object	None	Sets the Group object

Cisco::CLM::Common::IDStatus

This module defines the get and set methods for IDStatusItem. It inherits all the methods of Cisco::CLM::Common::Status in addition to the ones given below.

Method	Parameters	Return Value	Description
get_ID_status_items	None	Array of IDStatusItem	Returns an array of IDStatusItem
set_ID_status_items(@list)	Array of IDStatusItem	None	Sets the IDStatusItem list

Cisco::CLM::Common::IDStatusItem

This module defines the get and set methods for request ID. It inherits all the methods of Cisco::CLM::Common::Status in addition to the ones given below.

Method	Parameters	Return Value	Description
get_id	None	String	Returns the request ID
set_id(\$id)	String	None	Sets the request ID

Cisco::CLM::Common::IpMask

This module defines the data structure for storing IP Address and the subnet mask.

Method	Parameters	Return Value	Description
new	None	None	Creates IpMask object
get_ip	None	String	Returns the IP address
set_ip(\$ip)	String	None	Sets the IP address
get_mask	None	String	Returns the subnet mask
set_mask(\$mask)	String	None	Sets the subnet mask

Cisco::CLM::Common::License

This module gets and sets the information of an obtained license.

Method	Parameters	Return Value	Description
new (\$id)	None or String	None	Creates the License object. Parmeter can be null or the licenseID
get_license_id	None	String	Returns license id which is db key. This is set by CLM server
get_feature_names	None	Array of String	Returns the feature names contained in the license
set_feature_names([@name])	Array of String	None	Sets the feature names associated with the license
get_feature_versions	None	Array of String	Returns the versions of the features

Method	Parameters	Return Value	Description
set_feature_versions([@verf])	Array of String	None	Sets the feature versions
get_lic_file_name	None	String	Returns the license file name
set_lic_file_name(\$name)	String	None	Sets the license file name
get_device_id	None	String	Returns the device id
set_device_id(\$dev_id)	String	None	Sets the device id
get_obtain_date	None	String	Returns the obtain date for the license
set_obtain_date(\$date)	Integer	None	Sets the obtain date, the date is entered as the number of milliseconds since the epoch
get_obtain_source	None	One of the following Cisco::CLM::Common::License ::ObtainSource values- CISCO PREINSTALL UNKNOWN	Returns the source from which the license was obtained
set_obtain_source(\$source)	One of the following Cisco::CLM::Common::License ::ObtainSource values- CISCO PREINSTALL UNKNOWN	None	Sets the source from which the license was obtained
get_obtain_by	None	String	Returns the user who obtained the license
set_obtain_by(\$user)	String	None	Sets the user who obtained the license
get_deploy_status	None	One of the following Cisco::CLM::Common::License ::DeployStatus values: DEPLOYED UNDEPLOYED PARTIALLY_ DEPLOYED	Returns the deploy status of the license

Method	Parameters	Return Value	Description
set_deploy_status(\$status)	One of the following Cisco::CLM::Common::License::DeployStatus values: DEPLOYED UNDEPLOYED PARTIALLY_DEPLOYED	None	Sets the deploy status of the license
get_lic_line_ids	None	Array of String	Returns the license lines contained in the license
set_lic_line_ids([@id])	Array of String	None	Sets the license lines in the license
get_pak_id	None	String	Returns the PAK id of which this license is a part
set_pak_id(\$id)	String	None	Sets the PAK id

Cisco::CLM::Common::LicenseLine

This module defines the license line.

Method	Parameters	Return Value	Description
new	String	None	Creates the LicenseLine object, requires licenselineID as input parameter
get_license_id	None	String	Returns license id of the license with which this licenseline is associated
set_license_id(\$id)	String	None	Sets the license id
get_license_line_id	None	String	Returns license line id, this is set by CLM server
set_license_line_id(\$id)	String	None	Sets the licenseline id
get_feature_name	None	String	Returns the feature name for which this licenseline is obtained
set_feature_name(\$name)	String	None	Sets the feature name associated with the licenseline
get_license_line_xml	None	String	Returns the license xml file
set_license_line_xml(\$xml)	String	None	Sets the license xml file
get_pak_id	None	String	Returns the PAK id of which this licenseline is a part
set_pak_id(\$id)	String	None	Sets the PAK id
get_udi	None	String	Returns the device udi
set_udi(\$udi)	String	None	Sets the device udi

Method	Parameters	Return Value	Description
get_sku_name	None	String	Returns SKU name with which this licenseline is associated
set_sku_name(\$name)	String	None	Sets SKU name
get_deployed_by	None	String	Returns the user who deployed the licenseline
set_deployed_by(\$name)	String	None	Sets the user name
get_state	None	One of the following Cisco::CLM::Common::LicenseLine::LLState values: UNKNOWN ACTIVE_IN_USE ACTIVE_NOT_IN_USE INACTIVE, ALLOCATED, AVAILABLE	Returns the state of the license line read from the device
set_state(\$state)	One of the following Cisco::CLM::Common::LicenseLine::LLState values: UNKNOWN ACTIVE_IN_USE ACTIVE_NOT_IN_USE INACTIVE, ALLOCATED, AVAILABLE	None	Sets the state of the license line
get_deploy_time	None	String	Returns the deploy date
set_deploy_time(\$date)	Integer	None	Sets the deploy date, the date is input as the number of milliseconds since the epoch
get_deploy_status	None	One of the following Cisco::CLM::Common::LicenseLine::LLDeployStatus values: DEPLOYED UNDEPLOYED	Returns the deploy status of the license
set_deploy_status(\$status)	One of the following Cisco::CLM::Common::LicenseLine::LLDeployStatus values: DEPLOYED UNDEPLOYED	None	Sets the deploy status of the license
get_device_platform	None	Cisco::CLM::Common::Device::DevicePlatform	Returns the device platform
set_device_platform(\$plat)	Cisco::CLM::Common::Device::DevicePlatform	None	Sets the device platform
get_eula_required_flag	None	Boolean	Returns true if EULA is required to install the license

Method	Parameters	Return Value	Description
set_eula_required_flag(\$bool)	Boolean	None	Sets the EULA-required value
get_is_read_only	None	Boolean	Returns true if the license line is read only, it cannot be deployed
set_is_read_only	Boolean	None	Sets the value for read only flag
get_type	None	One of the following: Cisco::CLM::Common::LicenseLine::LLType values: EVALUATION, EVALUATION_ SUBSCRIPTION, EXTENSION, EXTENTION_ SUBSCRIPTION, PAID_SUBSCRIPTION, PERMANENT, UNKNOWN	Returns the licenseline type
set_type(\$type)	One of the following: Cisco::CLM::Common::LicenseLine::LLType values: EVALUATION, EVALUATION_ SUBSCRIPTION, EXTENSION, EXTENTION_ SUBSCRIPTION, PAID_SUBSCRIPTION, PERMANENT, UNKNOWN	None	Sets the licenseline type
get_expire_info	None	ExpiryInfo object	Returns the expiry info for licenseline if this licenseline is an expiry licenseline
set_expire_info(\$info)	ExpiryInfo Object	None	Sets the expiry info for licenseline
get_usage_info	None	UsageInfo object	Returns the UsageInfo object
set_usage_info(\$info)	UsageInfo object	None	Sets the UsageInfo object
get_storage_index	None	Integer	Returns the store index
set_storage_index(\$index)	Integer	None	Sets the store index
get_storage_name	None	String	Returns the storage name
set_storage_name(\$name)	String	None	Sets the storage name
get_count_info	None	CountInfo object	Returns the CountInfo object, containing information on counted licenses
set_count_info(\$count)	CountInfo object	None	Sets the CountInfo object
get_version	None	String	Returns the feature version
set_version(\$ver)	String	None	Sets the feature version
get_annoatation	None	String	Returns the comment associated with the LicenseLine
set_annotation(\$comment)	String	None	Sets the comment associated with the LicenseLine

Cisco::CLM::Common::LicenseLineInfo

This module gives the license line information on usage, count, deployment status, license line type, and license line state.

Method	Parameters	Return Value	Description
Method	Parameters	Return Value	Description
new	None	None	Creates the LicenseLineInfo object
get_lic_line_id	None	String	Returns the license_line_id
set_lic_line_id(\$id)	String	None	Sets the license line id
get_usage_info	None	UsageInfo object	Returns the UsageInfo
set_usage_info(\$info)	UsageInfo object	None	Sets the UsageInfo
get_license_type	None	Cisco::CLM::Common::LicenseLine::LLType which can be: EVALUATION EXTENSION PERMANENT UNKNOWN	Returns the LicenseLine Type
set_type(\$type)	Cisco::CLM::Common::LicenseLine::LLType which can be: EVALUATION EXTENSION PERMANENT UNKNOWN	None	Sets the LicenseLine Type
get_count_info	None	CountInfo object	Returns the countInfo object, containing count information if the licenseline is counted type
set_count_info(\$info)	CountInfo object	None	Sets the countInfo object
get_deploy_status	None	Cisco::CLM::Common::LicenseLine::LLDeployStatus which can be: DEPLOYED UNDEPLOYED	Returns the deploy status
set_deploy_status(\$status)	Cisco::CLM::Common::LicenseLine::LLDeployStatus which can be: DEPLOYED UNDEPLOYED	None	Sets the deploy status

Method	Parameters	Return Value	Description
get_state	None	Cisco::CLM::Common::LicenseLine::LLState which can be: ACTIVE_IN_USE INACTIVE ACTIVE_NOT_IN_USE UNKNOWN	Returns the license line state
set_state(\$state)	Cisco::CLM::Common::LicenseLine::LLState which can be: ACTIVE_IN_USE INACTIVE ACTIVE_NOT_IN_USE UNKNOWN	None	Sets the license line state

Cisco::CLM::Common::LicenseRequest

This module is to be used when requesting a license.

Method	Parameters	Return Value	Description
new	None	None	Creates the LicenseRequest object
get_sku_selection	None	Array of SKU	Returns the SKU's obtained
set_sku_selection([@sku])	Array of SKU	None	Sets the SKU
get_device_id	None	String	Returns the device id
set_device_id(\$id)	String	None	Sets the device id
get_annotation	None	String	Returns the comment
set_annotation(\$comment)	String	None	Sets the request comment

Cisco::CLM::Common::LicenseStatus

This module returns the license and its status. It inherits all the methods of Cisco::CLM::Common::Status in addition to the ones given below.

Method	Parameters	Return Value	Description
get_license_status_items	None	Array of LicenseStatusItem	Returns the array of licenses and their status
set_license_status_items([@items])	Array of LicenseStatusItem	None	Sets the array of licenses and their status

Cisco::CLM::Common::LicenseStatusItem

This module returns the license. It inherits all the methods of Cisco::CLM::Common::Status in addition to the ones given below.

Method	Parameters	Return Value	Description
get_license	None	License object	Returns the license
set_license(\$lic)	License object	None	Sets the license

Cisco::CLM::Common::LicLineStatus

This module returns the license and its status. It inherits all the methods of Cisco::CLM::Common::Status in addition to the ones given below.

Method	Parameters	Return Value	Description
get_license_line_status_items	None	Array of LicenseLineStatusItem	Returns the array of license lines and their status
set_license_line_status_items(@itms)	Array of LicenseLineStatusItem	None	Sets the array of license lines and their status

Cisco::CLM::Common::LicLineStatusItem

This module returns the license. It inherits all the methods of Cisco::CLM::Common::Status in addition to the ones given below.

Method	Parameters	Return Value	Description
get_license_line	None	LicenseLine object	Returns the license line
set_license_line(\$lic)	LicenseLine object	None	Sets the license line

Cisco::CLM::Common::Notification

This module defines the methods for Notifications.

Method	Parameters	Return Value	Description
new	None	None	Creates notification object
new(\$msg, \$date)	String, integer	None	Creates Notification object with the given message and date, date is input as the number of milliseconds since the epoch

Method	Parameters	Return Value	Description
new(\$msg,\$date,\$dev_id,\$dev_name,\$dev_model,\$severity,@groups,\$operation,\$licline_id,\$feature_name,\$store_name,\$store_index,\$comment)	\$msg –String \$date- Date(in milliseconds), \$dev_id-String \$dev_name-String, \$dev_model-String, \$severity – int @groups- Array of String \$operation - Cisco::CLM::Common:: Notification::Operation, \$licline_id- String \$feature_name- String \$store_name – String \$store_index – int \$comment - String	None	Creates notification object
new(\$dev_id,\$dev_name,\$dev_type,\$dev_model,\$severity,@groups,\$operation,\$licline_id,\$store_name,\$store_index,\$comment,\$feature_name,\$msg,\$date)	\$dev_id-String \$dev_name-String, \$dev_type – String, \$dev_model-String, \$severity – int @groups- Array of String \$operation - Cisco::CLM::Common:: Notification::Operation, \$licline_id- String \$store_name – String \$store_index – int, \$comment – String, \$feature_name- String \$msg –String \$date- Date(in milliseconds),	None	Creates notification object
get_comment	None	String	Returns the comment
set_comment(\$comment)	String	None	Sets the comment
get_message	None	String	Returns the message
set_message(\$msg)	String	None	Sets the message
get_time_stamp	None	String	Returns the time the notification was sent

Method	Parameters	Return Value	Description
set_time_stamp(\$time)	String	None	Sets the notification time stamp
get_device_id	None	String	Returns the dev_id of the device associated with the notification
set_device_id(\$id)	String	None	Sets the dev_id
get_device_name	None	String	Returns the device name
set_device_name(\$name)	String	None	Sets the device name
get_device_type	None	String	Returns the type of the device
set_device_type(\$type)	String	None	Sets the device type
get_device_model	None	String	Returns the device model
set_device_model(\$model)	String:	None	Sets the device model
get_severity	None	One of the following Cisco::CLM::Common::Notification::Severity CRITICAL MAJOR MINOR WARNING INFO INDETERMINATE	Returns the severity levels of notification, using X.733 standard
set_severity(\$severity)	One of the following Cisco::CLM::Common::Notification::Severity CRITICAL MAJOR MINOR WARNING INFO INDETERMINATE	None	Sets the severity levels of notification
get_group	None	Array of String	Returns the groups the device is associated with
set_group(@grp)	Array of String	None	Sets the groups

Method	Parameters	Return Value	Description
get_operation	None	One of the following Cisco::CLM::Common::Notification::Operation AGENT_STATE AGENTOFF ANNOTATE CLEAR CONNECTED CORRUPT CORRUPT_NOT_ RECOVERED CORRUPT_RECOVERED DEVICE_ADD DEVICE_DELETE DISCONNECTED EULAACCEPTED EXPIRE EXPIRED EXPIRING INSTALL JOB_CANCELLED JOB_FAILED LOADEXHAUSTED MISSING NOT_ENFORCED REVOKE	Returns the operation associated with this notification

Method	Parameters	Return Value	Description
set_operation(\$op)	One of the following Cisco::CLM::Common::Notification::Operation: AGENT_STATE AGENTOFF ANNOTATE CLEAR CONNECTED CORRUPT CORRUPT_NOT_RECOVERED DEVICE_ADD DEVICE_DELETE DISCONNECTED EULAACCEPTED EXPIRE EXPIRED EXPIRING INSTALL JOB_CANCELLED JOB_FAILED LOADEXHAUSTED MISSING NOT_ENFORCED REVOKE	None	Sets the operation associated with this notification
get_lic_line_id	None	String	Returns the licenseline id
set_lic_line_id(\$id)	String	None	Sets the licenseline id
get_feature_name	None	String	Returns the feature name
set_feature_name(\$name)	String	None	Sets the feature name
get_store_index	None	Integer	Returns the store index
set_store_index(\$index)	Integer	None	Sets the store index
get_store_name	None	String	Returns the store name
set_store_name(\$name)	String	None	Sets the store name

Cisco::CLM::Common::PAK

This module defines the characteristics of a PAK.

Method	Parameters	Return Value	Description
new(\$pak_name, \$owner)	String,String	None	Creates a PAK object with given pak_name and owner
get_pak_id	None	String	Returns the encrypted internal pak id
set_pak_id(\$id)	String	None	Sets the internal id
get_pak_name	None	String	Returns the pak name
set_pak_name(\$pak)	String	None	Sets the pak name
get_sku_list	None	Array of SKU	Returns the SKUs contained in the pak
set_sku_list([@list])	Array of SKU	None	Sets the SKUs contained in the PAK
get_last_dnld_date	None	String	Returns the date of last download of PAK
set_last_dnld_date(\$date)	Integer	None	Sets the date of last download of PAK, date is input as the number of milliseconds since the epoch
get_dnld_status	None	Integer	Returns the last download status
set_dnld_status(\$status)	Integer	None	Sets the last download status
get_dnld_by	None	String	Returns the user who downloaded the PAK
set_dnld_by(\$user)	String	None	Sets the user who downloaded the PAK
get_pak_type	None	String	Returns the PAK type
set_pak_type(\$type)	String	None	Sets the PAK type
get_pak_owner	None	String	Returns the username who created the PAK
get_pak_display_name	None	String	Returns the display name of PAK
set_pak_display_name(\$name)	String	None	Sets the display name of PAK
get_pak_access_list	None	Array of String	Returns the access list for the PAK
add_user_to_pak_access_list(\$user)	String	Boolean	Adds the user to the PAK access list
rm_user_from_pak_access_list(\$user)	String	Boolean	Removes the user from PAK access list

Cisco::CLM::Common::PAKStatus

This module gets and sets the PAKStatusItem list. It inherits all the methods of Cisco::CLM::Common::Status in addition to the ones given below.

Method	Parameters	Return Value	Description
get_pak_status_items	None	PAKStatusItem array	Returns PAKStatusItem array containing PAKs and their status
set_pak_status_items(@items)	PAKStatusItem array	None	Sets the PAKStatusItem array containing PAKs and their status

Cisco::CLM::Common::PAKStatusItem

This module gets and sets the PAK. It inherits all the methods of Cisco::CLM::Common::Status in addition to the ones given below.

Method	Parameters	Return Value	Description
get_pak	None	PAK object	Returns PAK object
set_pak (\$pak)	PAK object	None	Sets the PAK object

Cisco::CLM::Common::Policy

This module defines the policy object.

Method	Parameters	Return Value	Description
new	None	None	Creates Policy object
get_id	None	String	Returns the policy id
set_id(\$id)	String	None	Sets the policy id
get_request_id	None	String	Returns the request id
set_request_id	String	None	Sets the request ID
get_name	None	String	Returns the name of the policy
set_name(\$name)	String	None	Sets the name of the policy
get_owner	None	String	Returns the policy owner
set_owner(\$owner)	String	None	Sets the policy owner
get_description	None	String	Returns the policy description
set_description(\$desc)	String	None	Sets the policy description
is_public	None	Boolean	Returns true if policy is public, false otherwise
set_public(\$val)	Boolean	None	Sets the policy public
get_device_filter	None	DeviceFilter object	Returns the Device filter for the policy

Method	Parameters	Return Value	Description
set_device_filter(\$filter)	DeviceFilter object	None	Sets the Device filter for the policy
get_sku_filter	None	SKUFilter object	Returns the SKUFilter for the policy
set_sku_filter	SKUFilter object	None	Sets the SKUFilter for the policy
get_skus_in_use	None	SDUIdentifier object	Returns the SKU in use by the policy
set_skus_in_use(\$sku)	SKUIdentifier object	None	Sets the SKU in use by the policy
get_executed_by	None	String	Returns the user who executes the policy
set_executed_by(\$user)	String	None	Sets the user who executes the policy
get_executed_at	None	String	Returns the time of policy execution
set_executed_at(\$time)	Integer	None	Sets the time of policy execution, the time is the number of milliseconds since the epoch

Cisco::CLM::Common::PolicyStatus

This module defines the methods for asynchronous operation progress. It also supports the Status methods, apart from the ones defined below.

Method	Parameters	Return Value	Description
get_policy	None	Policy object	Returns the policy object
set_policy(\$policy)	Policy object	None	Sets the policy object

Cisco::CLM::Common::RehostableSKU

This module defines the methods for rehostable SKUs.

Method	Parameters	Return Value	Description
set_rehost_qty(\$qty)	Integer	None	Sets the number of rehostable skus
get_rehost_qty	None	Integer	Returns the number of rehostable skus
set_available_rehost_qty(\$qty)	Integer	None	Sets the number of skus available for rehost

Method	Parameters	Return Value	Description
get_available_rehost_qty	None	Integer	Returns the number of skus available for rehost
set_rehost_ticket(\$ticket)	String	None	Sets the rehost ticket

Cisco::CLM::Common::RehostableSKUStatus

This module defines the methods for rehostable SKU status.

Method	Parameters	Return Value	Description
get_rehostable_skus()	None	Array of Cisco::CLM::Common::RehostableSKU	Returns the array of RehostableSKUs
set_rehostable_skus([@skus])	Array of Cisco::CLM::Common::RehostableSKU	None	Sets the array of RehostableSKUs

Cisco::CLM::Common::RehostInfo

This module defines the methods for rehosting a license.

Method	Parameters	Return Value	Description
new	None	None	Creates RehostInfo object
get_permission_ticket	None	String	Returns the permission ticket obtained from Cisco.com
set_permission_ticket(\$ticket)	String	None	Sets the permission ticket for Rehost
get_rehost_ticket	None	String	Returns the rehost ticket obtained from the device
get_sku	None	Array of SKU object	Returns the SKU selected for rehost
set_sku ([@sku])	Array of SKU object	None	Sets the SKU for rehost
get_source_device_id	None	String	Returns the source device
set_source_device_id(\$src)	String	None	Sets the source device
get_dest_device_id	None	String	Returns the destination device
set_dest_device_id(\$dest)	String	None	Sets the destination device

Cisco::CLM::Common::RehostInfoStatus

This module defines the method for returning rehost status list. It inherits the methods defined in Cisco::CLM::Common::Status.

Method	Parameters	Return Value	Description
get_rehost_info_status_items	None	Array of RehostStatusItem	Returns the list of rehost information and their status
set_rehost_info_status_items(@list)	Array of RehostStatusItem	None	Sets the list of rehost information and their status

Cisco::CLM::Common::RehostInfoStatusItem

This module defines the method for returning the RehostInfo and its status. It inherits the methods defined in Cisco::CLM::Common::Status.

Method	Parameters	Return Value	Description
get_rehost_info	None	RehostInfo object	Returns the rehost information along with the status
set_rehost_info(\$info)	RehostInfo object	None	Sets the rehost information along with the status

Cisco::CLM::Common::RehostRequest

This module defines the methods requesting a license rehost.

Method	Parameters	Return Value	Description
get_sku_selection	None	Array of Cisco::CLM::Common::RehostableSKU	Returns the SKU list for rehost
set_sku_selection(@list)	Array of Cisco::CLM::Common::RehostableSKU	None	Sets the array of rehostable skus
get_source_device_id	None	String	Returns the source device ID
set_source_device_id(\$id)	String	None	Sets the source device ID
get_dest_device_id	None	String	Returns the destination device ID
set_dest_device_id(\$id)	String	None	Sets the destination device ID

Cisco::CLM::Common::ReportStatus

This module defines the methods for ReportStatus. It also inherits the methods of Cisco::CLM::Common::Status.

Method	Parameters	Return Value	Description
get_content	None	String	Returns the report content
set_content(\$content)	String	None	Sets the report content
get_format	None	One of the following Cisco::CLM::Common::LicenseManagerInterface ::OutputFormat: HTML, TEXT	Returns the report format
set_format(\$format)	One of the following Cisco::CLM::Common::LicenseManagerInterface ::OutputFormat: HTML, TEXT	None	Sets the report format
get_generated_at	None	String	Returns the generation date
set_generated_at(\$date)	Integer	None	Sets the report generation date, date is input as the number of milliseconds since the epoch

Cisco::CLM::Common::Schedule

This module defines the methods for scheduling a task(s).

Method	Parameters	Return Value	Description
new(\$clm_task)	One of the following Cisco::CLM::Common::Schedule::ClmTask: POLL_LICENSES CHECK_EXPIRING_LICENSES	None	Creates the schedule object

Method	Parameters	Return Value	Description
get_frequency	None	One of the following Cisco::CLM::Common::Schedule::Frequency: EVERY_DAY, EVERY_TWO_DAYS, EVERY_THREE_DAYS, EVERY_FOUR_DAYS, EVERY_FIVE_DAYS, EVERY_SIX_DAYS, WEEKLY, EVERY_EIGHT_DAYS, EVERY_NINE_DAYS, EVERY_TEN_DAYS, EVERY_ELEVEN_DAYS, EVERY_TWELVE_DAYS, EVERY_THIRTEEN_DAYS, BI_WEEKLY	Returns the frequency of the task
set_frequency(\$frequency)	One of the following Cisco::CLM::Common::Schedule::Frequency: EVERY_DAY, EVERY_TWO_DAYS, EVERY_THREE_DAYS, EVERY_FOUR_DAYS, EVERY_FIVE_DAYS, EVERY_SIX_DAYS, WEEKLY, EVERY_EIGHT_DAYS, EVERY_NINE_DAYS, EVERY_TEN_DAYS, EVERY_ELEVEN_DAYS, EVERY_TWELVE_DAYS, EVERY_THIRTEEN_DAYS, BI_WEEKLY	None	Sets the frequency of the task
get_notify_if_less_than	None	Integer	Returns the number of days to notify if the license is expiring
set_notify_if_less_than(\$time)	Integer	None	Sets the number of days to notify if the license is expiring
get_schedule_name	None	String	Returns the schedule name

Method	Parameters	Return Value	Description
get_schedule_task	None	One of the following Cisco::CLM::Common::Schedule::CImTask: POLL_LICENSES CHECK_EXPIRING_LICENSES	Returns the CImTask
set_starting_date(\$date)	integer	None	Sets the starting date, date is the time in milliseconds
get_starting_date	None	String	Returns the date as a string
get_discovery_auth_info	None	Array of Cisco::CLM::Common::DiscoveryAuthInfo	Returns the discovery authentication information
set_discovery_auth_info[@info]	Array of Cisco::CLM::Common::DiscoveryAuthInfo	None	Sets the discovery authentication information
get_user_name	None	String	Returns user name
set_user_name(\$name)	String	None	Sets user name
set_ip_masks([@mask])	Array of Cisco::CLM::Common::IpMask	None	Sets the IP mask
get_ip_masks	None	Array of Cisco::CLM::Common::IpMask	Returns the IP mask

Cisco::CLM::Common::SKU

This module defines the SKU.

Method	Parameters	Return Value	Description
new	None	None	Creates the SKU object
new(\$type,\$name, \$desc, \$ordered_qty, \$avail_qty, @features, \$entitlement, @lic_ids)	\$type-String \$name-String \$desc-String \$ordered_qty-Integer \$avail_qty-Integer @features-Array of String \$entitlement-String @lic_ids-Array of String		

Method	Parameters	Return Value	Description
get_type	None	Integer	Returns the SKU type, such as counted/uncounted
set_type(\$type)	Integer	None	Sets the type
get_name	None	String	Returns SKU name
set_name(\$name)	String	None	Sets SKU name
get_desc	None	String	Returns SKU description
set_desc(\$desc)	String	None	Sets SKU description
get_device_platforms	None	Array of Cisco::CLM::Common::Device::DevicePlatform	Returns the array of device platforms for the SKU
set_device_platforms([@platforms])	Array of Cisco::CLM::Common::Device::DevicePlatform	None	Sets the array of platforms for the SKU
get_ordered_qty	None	Integer	Returns the quantity of SKU ordered
set_ordered_qty(\$qty)	Integer	None	Sets the quantity ordered
get_available_qty	None	Integer	Returns the available qty
set_available_qty(\$qty)	Integer	None	Sets the available qty
get_features	None	Array of String	Returns the feature names for which the SKU was obtained
set_features(@feature)	Array of String	None	Sets the feature names for which the SKU was obtained
get_entitlement	None	String	Returns the PAK internal id
set_entitlement(\$entitlement)	String	None	Sets the entitlement
get_license_ids	None	Array of String	Returns the license IDs
set_license_ids (@list)	Array of String	None	Sets the license IDs
get_count	None	String	Returns the count available in the ordered SKU
set_count(\$count)	String	None	Sets the count

Cisco::CLM::Common::SKUFilter

This module defines the SKUFilter for the policy.

Method	Parameters	Return Value	Description
new	None	None	Creates the SKUFilter object
get_feature_name	None	String	Returns the interested feature name
set_feature_name(\$name)	String	None	Sets the interested feature name

Cisco::CLM::Common::SKUIdentifier

This module identifies the selected SKU for the policy with the PAK to which it belongs.

Method	Parameters	Return Value	Description
get_pak	None	PAK object	Returns the PAK of the selected SKU
set_pak(\$pak)	PAK	None	Sets the PAK of the selected SKU
get_sku	None	SKU object	Returns the SKU object
set_sku(\$sku)	SKU object	None	Sets the SKU object

Cisco::CLM::Common::Status

This module defines the error code and the messages for a request.

Method	Parameters	Return Value	Description
get_error_code	None	Integer	Returns the error code
set_error_code(\$code)	Integer	None	Sets the error code
get_error_message	None	String	Returns the error message
set_error_message(\$msg)	String	None	Sets the error message
get_cause	None	String	Returns the cause
get_fault	None	String	Returns the fault
get_item_count	None	int	Returns the item count
get_status_item	int	Status	Returns the status object
get_suggestion	None	String	Returns the suggestion

Cisco::CLM::Common::UsageInfo

This module defines the usage information for a license line.

Method	Parameters	Return Value	Description
get_total_usage	None	Integer	Returns the total usage in milliseconds read from the device
set_total_usage(\$usage)	Integer	None	Sets the total usage
get_usage_left	None	Integer	Returns the usage left in milliseconds read from the device
set_usage_left(\$left)	Integer	None	Sets the usage left

Cisco::CLM::Common::UserInfo

This module defines the details and the roles for a user.

Method	Parameters	Return Value	Description
Method	Parameters	Return Value	Description
new(\$username)	String	None	Creates the UserInfo object with given username
new(\$username,\$password,\$role)	\$username-String \$password-String \$role- One of the following Cisco::CLM::Common::UserInfo::Role: ADMIN INVENTORYMGR PAKMGR LICENSEMGR REPORTMGR	None	Creates the UserInfo object with given username, password, role
get_days_before_show_exp_lic	None	integer	Returns the number of days
set_days_before_show_exp_lic(\$days)	integer	None	Sets the number of days
get_eula_accepted_time	None	String	Returns the eula accepted time
set_eula_accepted_time(\$time)	Integer	None	Sets the eula accepted time, date is entered as number of milliseconds since the epoch
get_show_exp_lic	None	Boolean	Returns Boolean true/false
set_show_exp_lic	Boolean	None	Sets Boolean true/false
get_username	None	String	Returns username
get_password	None	String	Returns password
set_password(\$pwd)	String	None	Sets password
get_first_name	None	String	Returns user's first name
set_first_name(\$name)	String	None	Sets user's first name
get_last_name	None	String	Returns user's last name
set_last_name(\$name)	String	None	Sets user's last name
get_company_name	None	String	Returns company name
set_company_name(\$name)	String	None	Sets company name
get_email_address	None	String	Returns email address
set_email_address(\$email)	String	None	Sets email address
is_email_notification_enabled	None	Boolean	Returns true if email enabled, false otherwise

Method	Parameters	Return Value	Description
set_email_enabled(\$val)	Boolean	None	Sets email_enabled
get_cco_username	None	String	Returns the CCO username
set_cco_username(\$name)	String	None	Sets the CCO username
get_cco_password	None	String	Returns the CCO password
set_cco_password(\$pwd)	String	None	Sets the CCO password
get_role	None	One of the following Cisco::CLM::Common::UserInfo::Role: ADMIN,INVENTOR YMGR PAKMGR LICENSEMGR REPORTMGR	Returns the user role
set_role(\$role)	One of the following Cisco::CLM::Common::UserInfo::Role: ADMIN,INVENTOR YMGR PAKMGR LICENSEMGR REPORTMGR	None	Sets the user role
get_has_agree_eula	None	Boolean	Returns true, if user has agreed to eula, false otherwise
set_has_agree_eula(\$val)	Boolean	None	Sets has_agree_eula
get_do_not_ask_eula_again	None	Boolean	Returns true, if user says do_not_ask_eula_again, false otherwise
set_do_not_ask_eula_again(\$val)	Boolean	None	Sets do_not_ask_eula_again

Cisco::CLM::Common::UserPwd

This module defines the methods for setting and accessing usernames and their passwords.

Method	Parameters	Return Value	Description
new(\$username,\$password)	\$username-String \$password-String	None	Creates UserPwd object
get_username	None	String	Returns username list
set_username(\$name)	String	None	Sets username list

Method	Parameters	Return Value	Description
get_password	None	String	Returns password list
set_password(\$pwd)	String	None	Sets password list

Cisco::CLM::Common::UserToken

This module defines the UserToken used by Cisco License Manager.

Method	Parameters	Return Value	Description
get_idle_timeout	None	Integer	Returns the idle timeout for the given usertoken, 0 represents permanent
set_idle_timeout	Integer	None	Sets the timeout
is_ssl_enabled	None	Boolean	Returns true if SSL enabled, false otherwise
set_ssl_enabled(\$val)	Boolean	None	Sets if SSL enabled
get_username	None	String	Returns username in the server account
set_username(\$name)	String	None	Sets username
get_token	None	String	Returns token generated by server during login

Cisco::CLM::Common::XRSlotInfo

This module stores the license information for the slots on Cisco12K routers.

Method	Parameters	Return Value	Description
new	String	None	Creates the XRSlotInfo object
get_active_license_count	None	integer	Returns the license count active on the slot
get_allocated_count	None	integer	Returns the license count allocated on the slot
get_pool_name	None	String	Returns the license pool name
get_slot_name	None	String	Returns the slot name
get_slot_udi	None	String	Returns the slot udi
set_active_license_count(\$count)	integer	None	Sets the active license count
set_allocated_count(\$count)	integer	None	Sets the allocated license count
set_pool_name(\$name)	String	None	Sets the pool name
set_slot_name(\$name)	String	None	Sets the slot name
set_slot_udi(\$name)	String	None	Sets the slot udi