Class< T > responseType, Map< String, String > requestHeader Parameters) public< T > T deleteForObject (String uri, Map< String, String[]> parameterMap, Class < T > responseType, Map< String, String > requestHeaderParameters) Serializable Environment # final< T > T postForObject (String uri, Object request, Class< T > responseType, Map < String, String > requestHeaderParameters) # final< T > T patchForObject (String uri, Object request, Class< T > responseType, Map < String, String > requestHeaderParameters) # final< T > T putForObject (String uri, Object request, Class< T > responseType, Map< String, String > requestHeader Parameters) # final< T > T deleteForObject (String uri, Object request, Class< T > responseType, Map < String, String > requestHeaderParameters) com.sterlite.cal.core.base.restclient. com.sterlite.cal.core.security.util. BRMRestClient JwtTokenUtil ~ static final String CLAIM_KEY_USERNAME - Map< String, String > prePareHeaderMap static final String CLAIM KEY AUDIENCE (String authTypeld, Map < String, String > header) static final String public< T > T postForObject CLAIM_KEY_CREATED (String uri, Object request, + String getUsernameFromToken Class< T > responseType, String (String token) authTypeld, Map< String, String + String getIpAddressFromToken > header) (String token) public< T > T getForObject + List< Map< GrantedAuthority, (String uri, Map< String, String > > getAuthoritiesFromToken String[]> parameterMap, (String token) Class< T > responseType, String authTypeId, Map< String, com.sterlite.cal.core.security.util. String > header)

com.sterlite.cal.core.base.restclient. BaseRestClient

public< T > T getForObject

(String uri, Map< String,

String[]> parameterMap,

+ Date getCreatedDateFromToken (String token)

+ Date getExpirationDateFrom Token(String token) String getAudienceFromToken

com.sterlite.cal.core.security.integration.

IAuthenticationIntegrationService

Token(String brmURI, BRMAuthentication

+ BRMTokenResponse getBRMAuth

String > header)

Request brmAuthenticationRequest,

String brmAuthTypeId, Map< String,

com.sterlite.cal.base.BaseTest

+ Response doPost(String

Map< String, String >

Response doPatch(String

Map< String, String >

+ static String getProperty

ValueFromMap(String key)

+ static void putPropertyInto

Map(String key, String value)

String > getPropertyHolder

uri, String request,

uri, String request,

+ static Map< String,

+ BaseTest()

headers)

headers)

(String token) + Boolean isTokenExpired

(String token) + String generateToken (JwtUser userDetails,

String ipAddress) + Boolean canTokenBeRefreshed (String token, Date lastPassword

+ String refreshToken (String token)

+ Boolean validateToken (String token, JwtUser userDetails, String ipAddress, String tokenIpAddress)

~authenticationIntegration

Service

~ String generateToken (Map< String, Object > claims)

UserCacheUtil

public< T > T patchForObject

Class< T > responseType, String

authTypeId, Map< String, String

Class< T > responseType, String

authTypeId, Map< String, String

public< T > T deleteForObject

String[]> parameterMap, Class

Map< String, String > header)

Class< T > responseType, String

authTypeId, Map< String, String

~UserCacheUtil

public< T > T putForObject

(String uri, Object request,

String getURL(String

< T > responseType, String authTypeId,

(String uri, Map< String,

public< T > T deleteForObject

(String uri, Object request,

(String uri, Object request,

> header)

> header)

> header)

requestURI)

+ void putInLoginUserCache (JwtUser jwtUser)

+ JwtUser getLoginUserFrom Cache(String username)

~iwtTokenUtil

com.sterlite.cal.core.base.holder. APIConfigContextHolder

> + static void setAPIConfig (APIConfig apiConfig)

+ static APIConfig getAPIConfig() + static String getSBRequest

+ static String getSBAuthentication Typeld()

+ static Map< String, String > getSBHeader()

+ String getUsername()

username) + String getPassword() void setPassword(String

password)

void setUsername(String

com.sterlite.cal.core.security.valueobject.

CALAuthenticationRequest

com.sterlite.cal.core.base.valueobject.

CalBaseRequest

+ String getStaffId()

+ void setStaffId(String

+ String getStaffName()

staffName)

remarks)

source)

+ String getSource()

+ void setSource(String

+ String getReferenceId()

(String referenceId)

void setIpAddress(String

void setReferenceId

+ String getIpAddress()

ipAddress)

+ String toString()

+ String getRemarks()

+ void setRemarks(String

+ void setStaffName(String

+ String getUserType() void setUserType(String

userType) + String getClientId()

clientId) + String getSecretKey()

+ void setClientId(String

+ void setSecretKey(String secretKey)

BRMAuthenticationRequest toBRMAuthenticationRequest()

~authenticationRequest

com.sterlite.cal.core.base.valueobject. CalBaseResponse< T >

+ CalBaseResponse()

+ CalBaseResponse(String

responseCode, String responseMessage, T responseObject) + String getReferenceId()

+ void setReferenceId

(String referenceId) + String getResponseCode()

+ void setResponseCode

(String responseCode) + String getResponseMessage()

(String responseMessage)

com.sterlite.cal.core.security.valueobject.

CALAuthenticationResponse

calAuthenticationResponse

+ void setResponseMessage

+ T getResponseObject()

+ void setResponseObject (T responseObject)

+ String toString()

com.sterlite.cal.core.security.valueobject.

+ String getToken()

+ String getExpiryDate()

+ String getUserName()

+ void setToken(String

+ void setExpiryDate

userName)

~brmAuthToken

(String expiryDate)

void setUserName(String

BRMAuthentication Token

com.sterlite.cal.core.security.valueobject.

BRMTokenResponse

+ String getResponseCode()

String getTenentId()

void setResponseCode

(String responseCode)

void setResponseMessage

(String responseMessage)

void setAuthenticationToken

(BRMAuthenticationToken

void setTenentId(String

void setError(boolean

tenentId)

authenticationTokenObject)

boolean getError()

+ String getResponseMessage()

BRMAuthenticationToken

getAuthenticationToken()

UserDetails

com.sterlite.cal.core.security.valueobject.

JwtUser(String id, String username, String password, Collection< ? extends GrantedAuthority > authorities, boolean enabled, Date lastPasswordResetDate, String email, String brmToken, String tenentId)

String getId()

+ String getUsername()

+ boolean isAccountNonExpired()

+ boolean isAccountNonLocked()

+ boolean isCredentialsNon Expired()

+ String getPassword() + Collection<? extends

GrantedAuthority > getAuthorities()

+ boolean isEnabled()

+ Date getLastPasswordReset

Date() + String getEmail()

void setEmail(String

+ String getBrmToken()

 void setBrmToken(String brmToken)

+ String getTenentId()

+ void setTenentId(String

tenentId)

~jwtUser

+ void init()

com.sterlite.cal.core.security.service. AuthenticationServiceTest

~brmRestClient ~apiConfigContextHolder

+ void test01GetBRMAuthToken Test()

+ void test02GetBRMAuthToken Test()