

## com.sterlite.cal.core.security.valueobject. **JwtUser**

- + 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 email)
- + String getBrmToken()
- + void setBrmToken(String brmToken)
- + String getTenentId()

jwtUser

+ void setTenentId(String tenentId)

com.sterlite.cal.core.security.util. UserCacheUtil

- + void putInLoginUserCache (JwtUser jwtUser)
- JwtUser getLoginUserFrom Cache(String username)

com.sterlite.cal.base.BaseTest

- + BaseTest()
- + Response doPost(String uri, String request, Map< String, String > headers)
- + Response doPatch(String uri, String request, Map< String, String > headers)
- + static String getProperty ValueFromMap(String key)
- + static void putPropertyInto Map(String key, String value)
- + static Map< String, String > getPropertyHolder Map()

com.sterlite.cal.core.security.factory.

JwtAuthenticationTokenFactory

+ void doFilterInternal (HttpServletRequest request, HttpServletResponse response, FilterChain chain)

CLAIM\_KEY\_USERNAME

com.sterlite.cal.core.security.util. JwtTokenUtil

Serializable

- ~ static final String
- ~ static final String CLAIM\_KEY\_AUDIENCE
- ~ static final String CLAIM\_KEY\_CREATED
- + String getUsernameFromToken (String token) + String getIpAddressFromToken
- (String token)
- + List< Map< GrantedAuthority, String > > getAuthoritiesFromToken (String token)
- + Date getCreatedDateFromToken (String token)
- + Date getExpirationDateFrom Token(String token)
- + String getAudienceFromToken (String token)
- + Boolean isTokenExpired (String token)
- String generateToken (JwtUser userDetails, String ipAddress)
- + Boolean canTokenBeRefreshed (String token, Date lastPassword Reset)
- + String refreshToken (String token)
- + Boolean validateToken (String token, JwtUser userDetails, String ipAddress, String tokenIpAddress)
- ~ String generateToken (Map< String, Object > claims)

com.sterlite.cal.core.security.util. UserCacheUtilTest

~userCacheUtil

- + final String USER\_LOGIN \_CACHE\_ID
- + void init()
- + void test01PutInLoginUser Cache()
- + void test02PutInLoginUser CacheNull()
- + void test03GetLoginUserFrom Cache()
- void test04GetLoginUserFrom CacheNull()

-iwtTokenUtil ~jwtAuthenticationTokenFactory

-userCacheUtilTest

com.sterlite.cal.core.security.factory. JwtAuthenticationTokenFactoryTest

- + void init()
- void test01DoFilterInternal()