#### com.sterlite.cal.core.base.util. JsonUtils

- + String getJsonFromObject (Object data)
- ~ public< T > T getObjectFrom Json(String jsonData, Class < T > beanType)
- ~ public< T > T getObjectFrom Json(String jsonData, JavaType javaType)
- public< T > T getObjectFrom Json(String jsonData, TypeReference < T > typeReference)
- $\sim$  public< T > T convertValue (Object fromValue, TypeReference < T > typeReference)

jsonUtils

## com.sterlite.cal.brm.core.service.manager. BRMServiceManager

- void init()
- APIConfig getBRMServiceConfig (String requestMethod, String requestURI)
- Object doPost(String requestJson)
- Object doGet(String requestURI, Map< String, String[]> parameterMap)
- Object doPatch(String requestURI, String request
- Object doDelete(String requestURI, String requestJson)
- Object doPut(String requestURI, String requestJson)

# com.sterlite.cal.core.base.controller. BaseController

# final void setReferenceIdentifier (String referenceIdentifier)

~brmServiceManager

com.sterlite.cal.brm.core.service. **IBRMOperationService** 

- + String performBRMOperation (String requestJason)
- + String performBRMGetOperation (Map< String, String[]> parameterMap)
- + Object performFileDownload Operation(Map< String, String[]> parameterMap)
- + String performBRMPatchOperation (String requestJason)
- + String performBRMPutOperation (String requestJason)
- + String performBRMDeleteOperation (String requestJason)
- + String getResultByQuery (String requestJason)

-iBRMOperationService

## com.sterlite.cal.core.logger. ILogger

- + void info(String strMethod Name, LogType logType, String strMessage)
- + void info(String strMethod Name, LogType logType, String ...strMessages)
- + void info(String strMethod Name, LogType logType, Object ...strMessage)
- + void debug(String strMethod Name, LogType logType, String strMessage)
- + void debug(String strMethod Name, LogType logType, String... strMessage)
- + void debug(String strMethod Name, LogType logType, Object ...strMessage)
- + void error(String strMethod Name, LogType logType, Throwable throwable)
- + void startLog(String strMethodName, LogType logType)
- + void endLog(String strMethodName, LogType logType)
- + void warn(String strMethod Name, LogType logType, String strMessage)
- + boolean isTraceEnabled()
- + boolean isDebugEnabled()
- + boolean isInfoEnabled() + boolean isWarnEnabled()
- + boolean isErrorEnabled()
- + static ILogger getInstant (Class<?> className)

com.sterlite.cal.brm.core.controller. BRMOperationController

- + String performBRMPostOperation (@RequestBody String requestJson)
- + String performGetBRMOperation()
- + ResponseEntity< InputStream Resource > performBRMFileDownload Operation()
- + String performPatchRMOperation (@RequestBody String requestJson)
- + String performPutRMOperation (@RequestBody String requestJson)
- + String performDeleteOperation (@RequestBody(required=false) String requestJson)

+LOGGER

~brmServiceManager

# com.sterlite.cal.brm.core.controller. BRMOperationControllerTest

- + void setUp()
- + void performBRMPostOperation SuccessTest()
- + void performBRMPostOperation FailTest1()
- void performBRMPostOperation FailTest2()
- + void performBRMPostOperation FailTest3()
- + void performBRMPostOperation FailTest4()

~brmOperationController

~jsonUtil