IAppLoggingStream

+ void log(String message)
+ void log(Object object)
+ void log(String[] messages)
+ void log(String message, Throwable throwable)
+ void log(Throwable throwable)
+ void flush()

+appStream

AppLoggingAgent

+ AppLoggingAgent(IAppLoggingStream appStream)
+ void log(String message)
+ void log(Object object)
+ void log(String[] messages)
+ void log(Throwable throwable)
+ void log(String message, Throwable throwable)
+ void flush()
- static String getCallingMethodInfo()
- static String getLogHeaderString()

IEnvironment

+ String[] getComnandLineArgs()
+ String getValue(String key)
+ List< String > getKeys()
+ Boolean HasKey(String key)

String

int

-environment

-database
-driver
-host
-password
-schema
-userName

-port

-logging

ShoppingDataLayerService

+ ShoppingDataLayerService (IEnvironment environment)
+ void configure()
+ List< IDTO > executeCommand (String sql, IDbResultProcessor resultProcessor)
+ List< IDTO > executeQuery (String sql, IDbResultProcessor resultProcessor)
+ List< IDTO > loadDTOs (IDTO dto, IDTOHome dtoHome)
+ List< IDTO > saveDTO (IDTO dto)
+ List< IDTO > saveDTOs (List< IDTO > dtos)
~ [static initializer]
- void loadConfiguration (IEnvironment environment)
- void getDatabaseConnection Information(IDbConnectionWrapper dbConnectionWrapper)

-environment

-logging

-shoppingDataService

ShoppingBusinessLayerService

+ ShoppingBusinessLayerService (IEnvironment environment, ShoppingDataLayerService shoppingDataService)
+ void configure()
+ UserDTO getUser(String username)
+ Boolean validateLogin (String user, String pwd)
# void addAuditTrail (String msg, UserDTO userDTO)