Data Access Layer Diagram
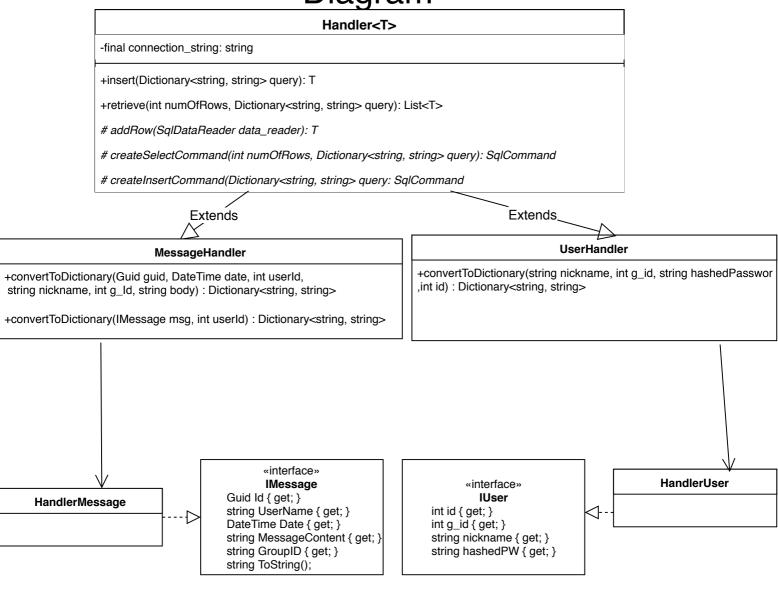
Handler<T>

-final connection_string: string

+insert(Dictionary<string, string> query): T

+retrieve(int numOfRows, Dictionary<string, string> query): List<T>

 # addRow(SqlDataReader data_reader): T

 # createSelectCommand(int numOfRows, Dictionary<string, string> query): SqlCommand

 # createInsertCommand(Dictionary<string, string> query: SqlCommand

Extends   Extends

MessageHandler

+convertToDictionary(Guid guid, DateTime date, int userId,
 string nickname, int g_Id, string body) : Dictionary<string, string>

+convertToDictionary(IMessage msg, int userId) : Dictionary<string, string>

UserHandler

+convertToDictionary(string nickname, int g_id, string hashedPasswor
,int id) : Dictionary<string, string>

HandlerMessage

«interface»
IMessage
Guid Id { get; }
string UserName { get; }
DateTime Date { get; }
string MessageContent { get; }
string GroupID { get; }
string ToString();

«interface»
IUser
int id { get; }
int g_id { get; }
string nickname { get; }
string hashedPW { get; }

HandlerUser

log4net