IWebSocketClient

`<<Interface>>`
IWebSocketClient

+ DataReceived: EventHandler<DataReceivedEventArgs>?
+ StatusChanged: EventHandler<StatusChangedEventArgs>?
+ IsWebSocketConnected: bool

+ ConnectAsync(Uri): Task
+ DisconnectAsync(): Task

EventArgs

EventArgs

DataReceivedEventArgs

DataReceivedEventArgs

+ Telegram: Head

StatusChangeEventArgs

StatusChangeEventArgs

+ IsConnected: bool

WebSocketClient

WebSocketClient

+ DataReceived: EventHandler<DataReceivedEventArgs>?
+ StatusChanged: EventHandler<StatusChangedEventArgs>?
+ IsWebSocketConnected: bool
- _options: JsonSerializerOptions
- _parser: ITelegramParser
- _client: ClientWebSocket
- _tokenSource: CancellationTokenSource
- _token: CancellationToken
- _pingStrings: Queue<string>
- _pingInterval: TimeSpan
- _cancelWaitInterval: TimeSpan = TimeSpan.FromSeconds(5)
- _checkPingInterval: TimeSpan = TimeSpan.FromSeconds(15)
- _logger: ILogger<WebSocketClient>
- _receiveBufferSize: int = 8192
- _maxPingUnresponded: int = 4
- _allowedChars: string = "ABC...Zabc...z012...9"
- _pingIdLength: int = 4

+ ConnectAsync(Uri): Task
+ DisconnectAsync(): Task
+
WebSocketClient(ITelegramParser, ILogger<WebSocketClient>,
    JsonSerializerOptions): None
- SendAsync<T>(T): Task
- SendPingLoop(): Task
- CheckPingLoop(): Task
- ReceiveLoopo(): Task
- HandleResponse(string): Task
- RemovePings(string): None
- HandleDataResponse(DataResponse): void
- HandleJsonData(string): void
- ConvertUtf8Response(string): MemoryStream
- ConvertBase64Response(string): MemoryStream
- UncompressGzip(MemoryString): string

WebSocketServiceCollectionExtensions

WebSocketServiceCollectionExtensions

+ AddWebSocket(IServiceCollection)
    : IServiceCollection

Exception

Exception

WebSocketClientException

WebSocketClientException

+ WebSocketClientException(): None
+ WebSocketClientException(string): None
+ WebSocketClientException(string, Exception): None

WebSocketClientFormatException

WebSocketClientFormatException

+ WebSocketClientFormatException(): None
+ WebSocketClientFormatException(string): None
+ WebSocketClientFormatException(string, Exception): None

WebSocketClientUnsupportedException

WebSocketClientUnsupportedException

+ WebSocketClientUnsupportedException(): None
+ WebSocketClientUnsupportedException(string): None
+ WebSocketClientUnsupportedException(string, Exception): None

WebSocketClientLogs

WebSocketClientLogs

+ Instantiated(ILogger<WebSocketClient>): None
+ Connecting(ILogger<WebSocketClient>, Uri): None
+ Connected(ILogger<WebSocketClient>, Uri): None
+ Disconnecting(ILogger<WebSocketClient>): None
+ Disconnected(ILogger<WebSocketClient>): None
+ Sending(ILogger<WebSocketClient>, string): None
+ Sent(ILogger<WebSocketClient>, string): None
+ TaskCancelled(ILogger<WebSocketClient>): None
+ UnexpectedException(ILogger<WebSocketClient>, string): None
+ IncorrectFormat(ILogger<WebSocketClient>, string): None
+ SendingPingRequest(ILogger<WebSocketClient>, string): None
+ UnreceivedPingExceeding(ILogger<WebSocketClient>): None
+ UnsupportedFormat(ILogger<WebSocketClient>): None
+ DataReceived(ILogger<WebSocketClient>, string): None
+ ReturningPong(ILogger<WebSocketClient>, string): None
+ RemovingPing(ILogger<WebSocketClient>, string): None
+ ErrorReceived(ILogger<WebSocketClient>, string): None
+ ErrorReceivedAndClosed(ILogger<WebSocketClient>, string): None
+ HandlingDataResponse(ILogger<WebSocketClient>): None
+ DecodedAndDecompressedString(ILogger<WebSocketClient>, string): None