# <<Interface>>

## IApiCaller

- + GetContractListAsync(): Task<ContractList?>
- + GetWebSocketListAsync(int?, ConnectionStatus?, string?, int?)
  - : Task<WebSocketList?>
- + PostWebSocketStartAsync(WebSocketStartPost): Task<WebSocketStart?>
- + DeleteWebSocketAsync(int): Task<bool>
- + GetEarthquakeParameterAsync(): Task<EarthquakeParameter?>
- + GetPastEarthquakeListAsvnc(
  - string?, Intensity?, DateOnly?, int?, string?)
  - : Task<GdEarthquakeList?>
- + GetPastEarthquakeEventAsync(string): Task<GdEarthquakeEvent?>



### ApiCaller

- client: HttpClient
- logger: ILogger<ApiCaller>
- \_authenticator: IAuthenticationHelper
- options: JsonSerializerOptions
- + GetContractListAsync(): Task<ContractList?>
- + GetWebSocketListAsync(int?, ConnectionStatus?, string?, int?)
  - : Task<WebSocketList?>
- + PostWebSocketStartAsync(WebSocketStartPost): Task<WebSocketStart?>
- + DeleteWebSocketAsync(int): Task<bool>
- + GetEarthquakeParameterAsync(): Task<EarthquakeParameter?>
- + GetPastEarthquakeListAsync(
  - string?, Intensity?, DateOnly?, int?, string?)
  - : Task<GdEarthquakeList?>
- + GetPastEarthquakeEventAsync(string): Task<GdEarthquakeEvent?>
- + ApiCaller(string, ILogger<ApiCaller>,
  - IAuthenticationHelper, JsonSerializerOptions>: None
- ParseGetResultAsync<T>(string): Task<T?>
- ParseGetResultAsync<T>(string, string?): Task<T?>
- ParsePostJsonAsync<TContent, TResult>(string, TContent)
  - : Task<TResult?>
- ParseDeleteResultAsync<T>(string): Task<bool>
- ParseResultAsync<T>(HttpRequestMessage): Task<T?>
- ParseSuccessAsync<T>(HttpRequestMessage): Task<bool>
- HandleError(string, HttpStatusCode): Task
- SendRequestAsync(HttpRequestMessage): Task<HttpResponseMessage?>
- CreateHttpRequest(HttpMethod, string): HttpRequestMessage
- CreateHttpRequest<TContent>(HttpMethod, string, TContent
  - : HttpRequestMessage

# ApiCallerLogs

- + Instantiated(ILogger<ApiCaller>): None
- + HttpRequestFails(ILogger<ApiCaller>, string): None
- + RequestCreated(ILogger<ApiCaller>, HttpMethod, string): None
- + RequestWithContentCreated(ILogger<ApiCaller>, HttpMethod, string, string?): None
- + JsonParsingFailed(ILogger<ApiCaller>, string): None
- + ErrorReceived(ILogger<ApiCaller>, int, string): None
- + NotAuthenticated(ILogger<ApiCaller>): None

#### ApiCallerServiceCollectionExtensions

+ AddApiCaller(IServiceCollection, string)
: IServiceCollection

#### NameValueCollectionExtensions

- + AddIfNotNull<T>(NameValueCollection, T?, string)
  - : NameValueCollection
  - + AddIfNotNull<T>(NameValueCollection, T?, string, Func<T, string?>)
    - : NameValueCollection

## EnumToUriStringExtensions

- + ToUriString(ConnectionStatus): string
- + ToUriString(Intensity): string