```
<<Interface>>
                                             RealTimePageViewModel
   TTimeProvider
                           + CurrentDisplayEew: EewDetailsTemplate?
                           + CurrentEewIndex: int?
   <<Interface>>
                             eewHypocentreLayerPrefix: string
    ITimeTable
                              eewRegionLayerPrefix: string
                             _______eewWavefrontLaverPrefix: string
   <<Interface>>
                             timeTableProvider: ITimeTable
                             eewLifeTime: TimeSpan
IKmoniSettingsHelper
                             refreshCircleInterval" TimeSpan
                             liveEewList: Dictionary<string, EewDetailsTemplate>
   <<Interface>>
                             pCircleStyle: IStyle
    IImageFetch
                             sCircleStyle: IStyle
   <<Tnterface>>
                           + CurrentTsunami: TsunamiDetailsTemplate?
                             _tsunamiLifeTime: TimeSpan
   TPointExtract
                             tsunamiLayer: Layer
   <<Tnterface>>
                           + WebSocketDataReceived: EventHandler?
 IWebSocketClient
                             webSocketClient: IWebSocketClient
   <<Interface>>
                           + DataLegentValues: decimal[]
                           + DataLegendText: string
ITelegramRetriever
                           + TimeDisplay: DateTimeOffset
                              kmoniDelay: TimeSpan
   <<Tnterface>>
                              kmoniLayer: MemoryLayer
  ITelegramParser
                              imageFetch: IImageFetch
                              pointExtract: IPointExtract
   <<Interface>>
                             kmoniOptions: IKmoniSettingsHelper
    IApiCaller
                           - hypocentreGroup: int - 4
                           - wavefrontGroup: int = 3
MapResourcesProvider
                             tsunamiGroup: int = 2
                             kmoniGroup: int = 1
                             intensityGroup: int = 0
                              timer1000: Timer
                              timer2500: Timer
                             logger: ILogger<RealTimePageViewModel>
                           - OnEewReceived (EewInformationSchema): Task
                           - SwitchEew(object?, ElapsedEventArgs): None
                           - DrawEewCircles(EewInformationSchema): Task
                           - CreateCircleRing(
                               double, double, double, double): Polygon
                           - RemoveExpiredEewEventHandler(
                               object?, ElapsedEventArgs): None
                           - RemoveEew(EewDetailsTemplate): None
                           - OnTsunamiReceived (TsunamiInformationSchema): None
                           - RemoveExpiredTsunamiEventHandler(
                               object?, ElapsedEventArgs): None
                           + WebSocketClientDataReceivedEventHandler(
                               onject?, DataReceivedEventArgs): None
                           - RefreshKmoniDataEventHandler(
                               object?, ElapsedEventArgs): None
                           - GetKmoniObservationPoints()
                               :Task<TEnumerable<TFeature>?>
                           + RealTimePageViewModel(
                               IImageFetch,
                               IPointExtract,
                               ITimeTable,
                               IKmoniSettingsHelper,
                               IWebSocketClient,
                               MapResourcesProvider,
                               IAuthenticationHelper,
                               IApiCaller,
                               ITelegramRetriever,
                               ITelegramParser,
```

ITimeProvider,

ILogger<RealTimePageViewModel>): None

+ ExpiryTime: DateTimeOffset + UpdateTime: DateTimeOffset + Serial: int + EventId: string? + EewWarningType: EewWarningType + Earthquake: Earthquake? + IntensityInfo: IntensityInfo? + InformationalText: string + IsAssumedHypocentre: bool + IsOnePointInfo: bool + IsAbove: bool + BeforeIntensityText: string

EewDetailsTemplate

+ TokenSource: CancellationTokenSource

+ AfterIntensityText: string

+ MaxIntensityEnum: Enum

+ Token: CancellationToken

<<Enumeration>>

EewWarningType

Forecast, Warning, Final, Cancelled

<<Enumeration>> TsunamiWarningType

None, Information, Caution, Warning, SpecialWarning

TsunamiDetailsTemplate

- + InformationalText: string
- + ExpiryTime: DateTimeOffset
- + UpdateTime: DateTimeOffset
- + TsunamiWarningType: MaxWarningType
- + TsunamiDetailsTemplate(
 TsunamiInformationSchema,
 DateTimeOffset): None