

Class RobotApi

Inheritance

↳ System.Object
↳ RobotApi

Namespace: Recycle.ViewModels (Recycle.ViewModels.html)

Assembly: Recycle.dll

Syntax

```
public static class RobotApi : object
```

Methods

Parameter(RobotViewModel, String)

Declaration

```
public static RobotParameter Parameter(this RobotViewModel robot, string key)
```

Parameters

Type	Name	Description
RobotViewModel (Recycle.ViewModels.RobotViewModel.html)	<i>robot</i>	
System.String	<i>key</i>	

Returns

Type	Description
RobotParameter (Recycle.ViewModels.RobotParameter.html)	

SetComponentStatus(RobotParameter, ComponentStatus)

Declaration

```
public static void SetComponentStatus(this RobotParameter robot, ComponentStatus status)
```

Parameters

Type	Name	Description
RobotParameter (Recycle.ViewModels.RobotParameter.html)	<i>robot</i>	
ComponentStatus (Recycle.ViewModels.ComponentStatus.html)	<i>status</i>	

SetDuration(String, TimeSpan)

設定運行時間

Declaration

```
public static void SetDuration(string robotID, TimeSpan duration)
```

Parameters

Type	Name	Description
System.String	<i>robotID</i>	
TimeSpan	<i>duration</i>	

SetParameter(SinkViewModel, Int32, ComponentStatus)

Declaration

```
public static void SetParameter(this SinkViewModel sink, int acc, ComponentStatus status)
```

Parameters

Type	Name	Description
SinkViewModel (Recycle.ViewModels.SinkViewModel.html)	<i>sink</i>	
System.Int32	<i>acc</i>	
ComponentStatus (Recycle.ViewModels.ComponentStatus.html)	<i>status</i>	

SetParameter<T>(RobotParameter, T, ComponentStatus)

Declaration

```
public static void SetParameter<T>(this RobotParameter robot, T value, ComponentStatus status  
    = default(ComponentStatus))
```

Parameters

Type	Name	Description
RobotParameter (Recycle.ViewModels.RobotParameter.html)	<i>robot</i>	
T	<i>value</i>	
ComponentStatus (Recycle.ViewModels.ComponentStatus.html)	<i>status</i>	

Type Parameters

Name	Description
<i>T</i>	

SetParameter<T>(String, String, T, ComponentStatus)

Declaration

```
public static void SetParameter<T>(string robotID, string paramter, T value, ComponentStatus status = default(ComponentStatus))
```

Parameters

Type	Name	Description
System.String	<i>robotID</i>	
System.String	<i>paramter</i>	
T	<i>value</i>	
ComponentStatus (Recycle.ViewModels.ComponentStatus.html)	<i>status</i>	

Type Parameters

Name	Description
<i>T</i>	

SetStartTime(String, DateTime)

設定開機時間

Declaration

```
public static void SetStartTime(string robotID, DateTime dateTime)
```

Parameters

Type	Name	Description
System.String	<i>robotID</i>	
DateTime	<i>dateTime</i>	