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Class DeviceGroupsController

Inheritance

System.Object

DeviceGroupsController

Namespace: Mmm.Iot.AsaManager.WebService.Controllers

Assembly: cs.temp.dll.dll

Syntax

```
public class DeviceGroupsController : Controller
```

Constructors

DeviceGroupsController(DeviceGroupsConverter, IBeginConversionHelper)

Declaration

```
public DeviceGroupsController(DeviceGroupsConverter devicegroupConverter, IBeginConversionHelper
beginConversionHelper)
```

Parameters

TYPE	NAME	DESCRIPTION
DeviceGroupsConverter	devicegroupConverter	
IBeginConversionHelper	beginConversionHelper	

Methods

BeginDeviceGroupConversion()

Declaration

```
public BeginConversionApiModel BeginDeviceGroupConversion()
```

Returns

TYPE	DESCRIPTION
BeginConversionApiModel	

BeginIotHubJobDelayDeviceGroupConversion(String)

Declaration

```
public BeginConversionApiModel BeginIotHubJobDelayDeviceGroupConversion(string jobId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	jobId	

Returns

TYPE	DESCRIPTION
BeginConversionApiModel	

Class RulesController

Inheritance

System.Object

RulesController

Namespace: Mmm.Iot.AsaManager.WebService.Controllers

Assembly: cs.temp.dll.dll

Syntax

```
public class RulesController : Controller
```

Constructors

RulesController(RulesConverter, IBeginConversionHelper)

Declaration

```
public RulesController(RulesConverter ruleConverter, IBeginConversionHelper beginConversionHelper)
```

Parameters

TYPE	NAME	DESCRIPTION
RulesConverter	ruleConverter	
IBeginConversionHelper	beginConversionHelper	

Methods

BeginRuleConversion()

Declaration

```
public BeginConversionApiModel BeginRuleConversion()
```

Returns

TYPE	DESCRIPTION
BeginConversionApiModel	

Class StatusController

Inheritance

System.Object

StatusController

Namespace: Mmm.Iot.AsaManager.WebService.Controllers

Assembly: cs.temp.dll.dll

Syntax

```
public sealed class StatusController : ControllerBase
```

Constructors

StatusController(IStatusService)

Declaration

```
public StatusController(IStatusService statusService)
```

Parameters

TYPE	NAME	DESCRIPTION
IStatusService	statusService	

Methods

GetAsync()

Declaration

```
public Task<StatusApiModel> GetAsync()
```

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<StatusApiModel>	

Ping()

Declaration

```
public IActionResult Ping()
```

Returns

TYPE	DESCRIPTION
IActionResult	

3M

Namespace Mmm.Iot.Config.WebService.Controllers

Classes

ConfigTypesController

DeviceGroupController

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Class ConfigTypesController

Inheritance

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Namespace: Mmm.Iot.Config.WebService.Controllers

Assembly: cs.temp.dll.dll

Syntax

```
public class ConfigTypesController
```

Constructors

ConfigTypesController(IStorage)

Declaration

```
public ConfigTypesController(IStorage storage)
```

Parameters

TYPE	NAME	DESCRIPTION
IStorage	storage	

Methods

GetAllConfigTypesAsync()

Declaration

```
public Task<ConfigTypeListApiModel> GetAllConfigTypesAsync()
```

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<ConfigTypeListApiModel>	

Class DeviceGroupController

Inheritance

System.Object

DeviceGroupController

Namespace: Mmm.Iot.Config.WebService.Controllers

Assembly: cs.temp.dll.dll

Syntax

```
public class DeviceGroupController : Controller
```

Constructors

DeviceGroupController(IStorage)

Declaration

```
public DeviceGroupController(IStorage storage)
```

Parameters

TYPE	NAME	DESCRIPTION
IStorage	storage	

Methods

CreateAsync(DeviceGroupApiModel)

Declaration

```
public Task<DeviceGroupApiModel> CreateAsync(DeviceGroupApiModel input)
```

Parameters

TYPE	NAME	DESCRIPTION
DeviceGroupApiModel	input	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<DeviceGroupApiModel>	

DeleteAsync(String)

Declaration

```
public Task DeleteAsync(string id)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	id	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task	

GetAllAsync()

Declaration

```
public Task<DeviceGroupListApiModel> GetAllAsync()
```

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<DeviceGroupListApiModel>	

GetAsync(String)

Declaration

```
public Task<DeviceGroupApiModel> GetAsync(string id)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	id	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<DeviceGroupApiModel>	

UpdateAsync(String, DeviceGroupApiModel)

Declaration

```
public Task<DeviceGroupApiModel> UpdateAsync(string id, DeviceGroupApiModel input)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	id	
DeviceGroupApiModel	input	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<DeviceGroupApiModel>	

Class PackagesController

Inheritance

System.Object

PackagesController

Namespace: Mmm.Iot.Config.WebService.Controllers

Assembly: cs.temp.dll.dll

Syntax

```
public class PackagesController : Controller
```

Constructors

PackagesController(IStorage)

Declaration

```
public PackagesController(IStorage storage)
```

Parameters

TYPE	NAME	DESCRIPTION
IStorage	storage	

Fields

InactivePackageTag

Declaration

```
public const string InactivePackageTag = "reserved.inactive"
```

Field Value

TYPE	DESCRIPTION
System.String	

Methods

ActivatePackageAsync(String)

Declaration

```
public Task<ActionResult<PackageApiModel>> ActivatePackageAsync(string id)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	id	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<ActionResult<PackageApiModel>>	

AddTagAsync(String, String)

Declaration

```
public Task<ActionResult<PackageApiModel>> AddTagAsync(string id, string tag)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	id	
System.String	tag	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<ActionResult<PackageApiModel>>	

DeactivatePackageAsync(String)

Declaration

```
public Task<ActionResult<PackageApiModel>> DeactivatePackageAsync(string id)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	id	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<ActionResult<PackageApiModel>>	

DeleteAsync(String)

Declaration

```
public Task DeleteAsync(string id)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	id	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task	

GetAsync(String)

Declaration

```
public Task<PackageApiModel> GetAsync(string id)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	id	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<PackageApiModel>	

GetFilteredAsync(String, String, List<String>, String)

Declaration

```
public Task<PackageListApiModel> GetFilteredAsync(string packageType, string configType, List<string> tags,
string tagOperator = "AND")
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	packageType	
System.String	configType	
List<System.String>	tags	
System.String	tagOperator	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<PackageListApiModel>	

PostAsync(String, String, String, String, List<String>, IFormFile)

Declaration

```
public Task<PackageApiModel> PostAsync(string packageName, string packageType, string configType, string
version, List<string> tags, IFormFile package)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	packageName	
System.String	packageType	
System.String	configType	

TYPE	NAME	DESCRIPTION
System.String	version	
List<System.String>	tags	
IFormFile	package	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<PackageApiModel>	

RemoveTagAsync(String, String)

Declaration

```
public Task<ActionResult<PackageApiModel>> RemoveTagAsync(string id, string tag)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	id	
System.String	tag	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<ActionResult<PackageApiModel>>	

RemoveTagsAsync(String)

Declaration

```
public Task<ActionResult<PackageApiModel>> RemoveTagsAsync(string id)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	id	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<ActionResult<PackageApiModel>>	

UploadFileAsync(IFormFile)

Declaration

```
public Task<UploadFileServiceModel> UploadFileAsync(IFormFile uploadedFile)
```

Parameters

TYPE	NAME	DESCRIPTION
IFormFile	uploadedFile	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<UploadFileServiceModel>	

Class SeedController

Inheritance

System.Object

SeedController

Namespace: Mmm.Iot.Config.WebService.Controllers

Assembly: cs.temp.dll.dll

Syntax

```
public class SeedController : Controller
```

Constructors

SeedController(ISeed)

Declaration

```
public SeedController(ISeed seed)
```

Parameters

TYPE	NAME	DESCRIPTION
ISeed	seed	

Methods

PostAsync()

Declaration

```
public Task PostAsync()
```

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task	

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Class SolutionSettingsController

Inheritance

System.Object

SolutionSettingsController

Namespace: Mmm.Iot.Config.WebService.Controllers

Assembly: cs.temp.dll.dll

Syntax

```
public class SolutionSettingsController : Controller
```

Constructors

SolutionSettingsController(IStorage, IActions)

Declaration

```
public SolutionSettingsController(IStorage storage, IActions actions)
```

Parameters

TYPE	NAME	DESCRIPTION
IStorage	storage	
IActions	actions	

Methods

GetActionsSettingsAsync()

Declaration

```
public Task<ActionSettingsListApiModel> GetActionsSettingsAsync()
```

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<ActionSettingsListApiModel>	

GetDefaultFirmwareSettingAsync()

Declaration

```
public Task<DefaultFirmwareSettingApiModel> GetDefaultFirmwareSettingAsync()
```

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<DefaultFirmwareSettingApiModel>	

GetLogoAsync()

Declaration

```
public Task GetLogoAsync()
```

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task	

GetThemeAsync()

Declaration

```
public Task<Theme> GetThemeAsync()
```

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<Theme>	

SetDefaultFirmwareSettingAsync(DefaultFirmwareSettingApiModel)

Declaration

```
public Task<ValueApiModel> SetDefaultFirmwareSettingAsync(DefaultFirmwareSettingApiModel settingModel)
```

Parameters

TYPE	NAME	DESCRIPTION
DefaultFirmwareSettingApiModel	settingModel	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<ValueApiModel>	

SetLogoAsync()

Declaration

```
public Task SetLogoAsync()
```

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task	

SetThemeAsync(Theme)

Declaration

```
public Task<Theme> SetThemeAsync(Theme theme)
```

Parameters

TYPE	NAME	DESCRIPTION
Theme	theme	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<Theme>	

Class StatusController

System.Object

StatusController

Namespace: Mmm.Iot.Config.WebService.Controllers

Assembly: cs.temp.dll.dll

Syntax

```
public sealed class StatusController : ControllerBase
```

Constructors

StatusController(IStatusService)

Declaration

```
public StatusController(IStatusService statusService)
```

Parameters

TYPE	NAME	DESCRIPTION
IStatusService	statusService	

Methods

GetAsync()

Declaration

```
public Task<StatusApiModel> GetAsync()
```

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<StatusApiModel>	

Ping()

Declaration

```
public IActionResult Ping()
```

Returns

TYPE	DESCRIPTION
IActionResult	

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Class UserSettingsController

Inheritance

System.Object

UserSettingsController

Namespace: Mmm.Iot.Config.WebService.Controllers

Assembly: cs.temp.dll.dll

Syntax

```
public class UserSettingsController : Controller
```

Constructors

UserSettingsController(IStorage)

Declaration

```
public UserSettingsController(IStorage storage)
```

Parameters

TYPE	NAME	DESCRIPTION
IStorage	storage	

Methods

GetUserSettingAsync(String)

Declaration

```
public Task<object> GetUserSettingAsync(string id)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	id	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<System.Object>	

SetUserSettingAsync(String, Object)

Declaration

```
public Task<object> SetUserSettingAsync(string id, object setting)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	id	

TYPE	NAME	DESCRIPTION
System.Object	setting	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<System.Object>	

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Namespace Mmm.Iot.DeviceTelemetry.WebService.Controllers

Classes

[AlarmsByRuleController](#)

[AlarmsController](#)

[DeviceFilesController](#)

[MessagesController](#)

[RulesController](#)

[StatusController](#)

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Class AlarmsByRuleController

Inheritance

System.Object

AlarmsByRuleController

Namespace: Mmm.Iot.DeviceTelemetry.WebService.Controllers

Assembly: cs.temp.dll.dll

Syntax

```
public class AlarmsByRuleController : Controller
```

Constructors

AlarmsByRuleController(IAlarms, IRules, ILogger<AlarmsByRuleController>)

Declaration

```
public AlarmsByRuleController(IAlarms alarmService, IRules ruleService, ILogger<AlarmsByRuleController>
logger)
```

Parameters

TYPE	NAME	DESCRIPTION
IAlarms	alarmService	
IRules	ruleService	
ILogger<AlarmsByRuleController>	logger	

Methods

GetAsync(String, String, String, Nullable<Int32>, Nullable<Int32>, String)

Declaration

```
public Task<AlarmByRuleListApiModel> GetAsync(string from, string to, string order, int? skip, int? limit,
string devices)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	from	
System.String	to	
System.String	order	
System.Nullable<System.Int32>	skip	
System.Nullable<System.Int32>	limit	
System.String	devices	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<AlarmByRuleListApiModel>	

GetAsync(String, String, String, String, Nullable<Int32>, Nullable<Int32>, String)

Declaration

```
public Task<AlarmListByRuleApiModel> GetAsync(string id, string from, string to, string order, int? skip, int?
limit, string devices)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	id	
System.String	from	
System.String	to	
System.String	order	
System.Nullable<System.Int32>	skip	
System.Nullable<System.Int32>	limit	
System.String	devices	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<AlarmListByRuleApiModel>	

PostAsync(QueryApiModel)

Declaration

```
public Task<AlarmByRuleListApiModel> PostAsync(QueryApiModel body)
```

Parameters

TYPE	NAME	DESCRIPTION
QueryApiModel	body	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<AlarmByRuleListApiModel>	

PostAsync(String, QueryApiModel)

Declaration

```
public Task<AlarmListByRuleApiModel> PostAsync(string id, QueryApiModel body)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	id	
QueryApiModel	body	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<AlarmListByRuleApiModel>	

```
public Task<AlarmListByRuleApiModel> PostAsync(string id, QueryApiModel body)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	id	
QueryApiModel	body	

Class AlarmsController

System.Object

AlarmsController

Namespace: Mmm.Iot.DeviceTelemetry.WebService.Controllers

Assembly: cs.temp.dll.dll

Syntax

```
public class AlarmsController : Controller
```

Constructors

AlarmsController(IAlarms, ILogger<AlarmsController>)

Declaration

```
public AlarmsController(IAlarms alarmService, ILogger<AlarmsController> logger)
```

Parameters

TYPE	NAME	DESCRIPTION
IAlarms	alarmService	
ILogger<AlarmsController>	logger	

Methods

Delete(AlarmIdListApiModel)

Declaration

```
public void Delete(AlarmIdListApiModel alarmList)
```

Parameters

TYPE	NAME	DESCRIPTION
AlarmIdListApiModel	alarmList	

DeleteAsync(String)

Declaration

```
public Task DeleteAsync(string id)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	id	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task	

GetAsync(String)

Declaration

```
public Task<AlarmApiModel> GetAsync(string id)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	id	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<AlarmApiModel>	

ListAsync(String, String, String, Nullable<Int32>, Nullable<Int32>, String)

Declaration

```
public Task<AlarmListApiModel> ListAsync(string from, string to, string order, int? skip, int? limit, string devices)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	from	
System.String	to	
System.String	order	
System.Nullable<System.Int32>	skip	
System.Nullable<System.Int32>	limit	
System.String	devices	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<AlarmListApiModel>	

PatchAsync(String, AlarmStatusApiModel)

Declaration

```
public Task<AlarmApiModel> PatchAsync(string id, AlarmStatusApiModel body)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	id	
AlarmStatusApiModel	body	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<AlarmApiModel>	

PostAsync(QueryApiModel)

Declaration

```
public Task<AlarmListApiModel> PostAsync(QueryApiModel body)
```

Parameters

TYPE	NAME	DESCRIPTION
QueryApiModel	body	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<AlarmListApiModel>	

Class DeviceFilesController

Inheritance

System.Object

DeviceFilesController

Namespace: Mmm.Iot.DeviceTelemetry.WebService.Controllers

Assembly: cs.temp.dll.dll

Syntax

```
public class DeviceFilesController : Controller
```

Constructors

DeviceFilesController(IDeviceFileUploads)

Declaration

```
public DeviceFilesController(IDeviceFileUploads deviceFileUploads)
```

Parameters

TYPE	NAME	DESCRIPTION
IDeviceFileUploads	deviceFileUploads	

Methods

GetDeviceUploads(String)

Declaration

```
public Task<DeviceFileListApiModel> GetDeviceUploads(string deviceId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	deviceId	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<DeviceFileListApiModel>	

GetFileContents(DownloadRequest)

Declaration

```
public Task<IActionResult> GetFileContents(DownloadRequest downloadRequest)
```

Parameters

TYPE	NAME	DESCRIPTION
DownloadRequest	downloadRequest	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<IActionResult>	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<IActionResult>	

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Class MessagesController

Inheritance

System.Object

MessagesController

Namespace: Mmm.Iot.DeviceTelemetry.WebService.Controllers

Assembly: cs.temp.dll.dll

Syntax

```
public sealed class MessagesController : Controller
```

Constructors

MessagesController(IMessages, ILogger<MessagesController>, AppConfig)

Declaration

```
public MessagesController(IMessages messageService, ILogger<MessagesController> logger, AppConfig config)
```

Parameters

TYPE	NAME	DESCRIPTION
IMessages	messageService	
ILogger<MessagesController>	logger	
AppConfig	config	

Methods

GetAsync(String, String, String, Nullable<Int32>, Nullable<Int32>, String)

Declaration

```
public Task<MessageListApiModel> GetAsync(string from, string to, string order, int? skip, int? limit, string devices)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	from	
System.String	to	
System.String	order	
System.Nullable<System.Int32>	skip	
System.Nullable<System.Int32>	limit	
System.String	devices	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<MessageListApiModel>	

GetTopDeviceMessagesAsync(Nullable<Int32>, String)

Declaration

```
public Task<MessageListApiModel> GetTopDeviceMessagesAsync(int? limit, string deviceId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Nullable<System.Int32>	limit	
System.String	deviceId	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<MessageListApiModel>	

PostAsync(QueryApiModel)

Declaration

```
public Task<MessageListApiModel> PostAsync(QueryApiModel body)
```

Parameters

TYPE	NAME	DESCRIPTION
QueryApiModel	body	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<MessageListApiModel>	

Class RulesController

Syntax

```
public sealed class RulesController : Controller
```

Constructors

RulesController(IRules)

Declaration

```
public RulesController(IRules ruleService)
```

Parameters

TYPE	NAME	DESCRIPTION
IRules	ruleService	

Methods

DeleteAsync(String)

Declaration

```
public Task DeleteAsync(string id)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	id	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task	

GetAsync(String)

Declaration

```
public Task<RuleApiModel> GetAsync(string id)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	id	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<RuleApiModel>	

ListAsync(String, Nullable<Int32>, Nullable<Int32>, String, Nullable<Boolean>)

Declaration

```
public Task<RuleListApiModel> ListAsync(string order, int? skip, int? limit, string groupId, bool? includeDeleted)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	order	
System.Nullable<System.Int32>	skip	
System.Nullable<System.Int32>	limit	
System.String	groupId	
System.Nullable<System.Boolean>	includeDeleted	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<RuleListApiModel>	

PostAsync(String, RuleApiModel)

Declaration

```
public Task<RuleApiModel> PostAsync(string template, RuleApiModel rule)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	template	
RuleApiModel	rule	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<RuleApiModel>	

PutAsync(String, RuleApiModel)

Declaration

```
public Task<RuleApiModel> PutAsync(string id, RuleApiModel rule)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	id	
RuleApiModel	rule	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<RuleApiModel>	

Class StatusController

Syntax

```
public sealed class StatusController : ControllerBase
```

Constructors

StatusController(IStatusService)

Declaration

```
public StatusController(IStatusService statusService)
```

Parameters

TYPE	NAME	DESCRIPTION
IStatusService	statusService	

Methods

GetAsync()

Declaration

```
public Task<StatusApiModel> GetAsync()
```

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<StatusApiModel>	

Ping()

Declaration

```
public IActionResult Ping()
```

Returns

TYPE	DESCRIPTION
IActionResult	

Namespace Mmm.Iot.Diagnostics.WebService.Controllers

Classes

[DiagnosticsEventsController](#)

[StatusController](#)

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Class DiagnosticsEventsController

Inheritance

System.Object

DiagnosticsEventsController

Namespace: Mmm.Iot.Diagnostics.WebService.Controllers

Assembly: cs.temp.dll.dll

Syntax

```
public class DiagnosticsEventsController : Controller
```

Constructors

DiagnosticsEventsController(IDiagnosticsClient)

Declaration

```
public DiagnosticsEventsController(IDiagnosticsClient diagnosticsClient)
```

Parameters

TYPE	NAME	DESCRIPTION
IDiagnosticsClient	diagnosticsClient	

Methods

Post(DiagnosticsEventModel)

Declaration

```
public StatusCodeResult Post(DiagnosticsEventModel diagnosticsEvent)
```

Parameters

TYPE	NAME	DESCRIPTION
DiagnosticsEventModel	diagnosticsEvent	

Returns

TYPE	DESCRIPTION
StatusCodeResult	

Class StatusController

System.Object

StatusController

Namespace: Mmm.Iot.Diagnostics.WebService.Controllers

Assembly: cs.temp.dll.dll

Syntax

```
public sealed class StatusController : ControllerBase
```

Constructors

StatusController(IStatusService)

Declaration

```
public StatusController(IStatusService statusService)
```

Parameters

TYPE	NAME	DESCRIPTION
IStatusService	statusService	

Methods

GetAsync()

Declaration

```
public Task<StatusApiModel> GetAsync()
```

Returns

TYPE	DESCRIPTION
Task<StatusApiModel>	

Ping()

Declaration

```
public IActionResult Ping()
```

Returns

TYPE	DESCRIPTION
IActionResult	

Namespace Mmm.Iot.IdentityGateway.Controllers

Classes

AuthorizeController

Class AuthorizeController

Inheritance

System.Object

AuthorizeController

Namespace: Mmm.Iot.IdentityGateway.Controllers

Assembly: cs.temp.dll.dll

Syntax

```
public class AuthorizeController : Controller
```

Constructors

AuthorizeController(AppConfig, UserTenantContainer, UserSettingsContainer, IJwtHelpers, IOpenIdProviderConfiguration, IAuthenticationContext)

Declaration

```
public AuthorizeController(AppConfig config, UserTenantContainer userTenantContainer, UserSettingsContainer
userSettingsContainer, IJwtHelpers jwtHelper, IOpenIdProviderConfiguration openIdProviderConfiguration,
IAuthenticationContext authenticationContext)
```

Parameters

TYPE	NAME	DESCRIPTION
AppConfig	config	
UserTenantContainer	userTenantContainer	
UserSettingsContainer	userSettingsContainer	
IJwtHelpers	jwtHelper	
IOpenIdProviderConfiguration	openIdProviderConfiguration	
IAuthenticationContext	authenticationContext	

Methods

Get(String)

Declaration

```
public IActionResult Get(string post_logout_redirect_uri)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	post_logout_redirect_uri	

Returns

TYPE	DESCRIPTION
IActionResult	

Get(String, String, String, String, String, String)

Declaration

```
public IActionResult Get(string redirect_uri, string state, string clientId, string nonce, string tenant,
string invite)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	redirect_uri	
System.String	state	
System.String	clientId	
System.String	nonce	
System.String	tenant	
System.String	invite	

Returns

TYPE	DESCRIPTION
IActionResult	

PostAsync(String, String)

Declaration

```
public Task<ActionResult> PostAsync(string authHeader, string tenant)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	authHeader	
System.String	tenant	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<ActionResult>	

PostAsync(String, String, String, String)

Declaration

```
public Task<object> PostAsync(string state, string id_token, string error, string error_description)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	state	
System.String	id_token	
System.String	error	
System.String	error_description	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<System.Object>	

PostTokenAsync(ClientCredentialInput)

Declaration

```
public Task<IActionResult> PostTokenAsync(ClientCredentialInput input)
```

Parameters

TYPE	NAME	DESCRIPTION
ClientCredentialInput	input	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<IActionResult>	

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Namespace Mmm.Iot.IdentityGateway.WebService.Controllers

Classes

ConfigurationController

ErrorModel

LowercaseContractResolver

StatusController

SystemAdminController

UserSettingsController

UserTenantController

Class ConfigurationController

Inheritance

System.Object

ConfigurationController

Namespace: Mmm.Iot.IdentityGateway.WebService.Controllers

Assembly: cs.temp.dll.dll

Syntax

```
public class ConfigurationController : Controller
```

Constructors

ConfigurationController(AppConfig, IOpenIdProviderConfiguration, IRsaHelpers)

Declaration

```
public ConfigurationController(AppConfig config, IOpenIdProviderConfiguration openIdProviderConfiguration,
IRsaHelpers rsaHelpers)
```

Parameters

TYPE	NAME	DESCRIPTION
AppConfig	config	
IOpenIdProviderConfiguration	openIdProviderConfiguration	
IRsaHelpers	rsaHelpers	

Fields

ContentType

Declaration

```
public const string ContentType = "application/json"
```

Field Value

TYPE	DESCRIPTION
System.String	

Methods

GetJsonWebKeySet()

Declaration

```
public ContentResult GetJsonWebKeySet()
```

Returns

TYPE	DESCRIPTION
ContentResult	

GetOpenIdProviderConfiguration()

Declaration

```
public IActionResult GetOpenIdProviderConfiguration()
```

Returns

TYPE	DESCRIPTION
IActionResult	

GetOpenIdProviderConfiguration()

Declaration

```
public IActionResult GetOpenIdProviderConfiguration()
```

Returns

TYPE	DESCRIPTION

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Class ErrorModel

System.Object

ErrorModel

System.Object.ToString()

System.Object.Equals(System.Object)

System.Object.Equals(System.Object, System.Object)

System.Object.ReferenceEquals(System.Object, System.Object)

System.Object.GetHashCode()

System.Object.GetType()

System.Object.MemberwiseClone()

Namespace: Mmm.Iot.IdentityGateway.WebService.Controllers

Assembly: cs.temp.dll.dll

Syntax

```
public class ErrorModel
```

Properties

ErrorMessage

Declaration

```
public string ErrorMessage { get; set; }
```

Property Value

TYPE	DESCRIPTION
System.String	

Class LowercaseContractResolver

Inheritance

System.Object

LowercaseContractResolver

Namespace: Mmm.Iot.IdentityGateway.WebService.Controllers

Assembly: cs.temp.dll.dll

Syntax

```
public class LowercaseContractResolver : DefaultContractResolver
```

Methods

ResolvePropertyName(String)

Declaration

```
protected override string ResolvePropertyName(string propertyName)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	propertyName	

Returns

TYPE	DESCRIPTION
System.String	

Class StatusController

Syntax

```
public sealed class StatusController : ControllerBase
```

Constructors

StatusController(IStatusService)

Declaration

```
public StatusController(IStatusService statusService)
```

Parameters

TYPE	NAME	DESCRIPTION
IStatusService	statusService	

Methods

GetAsync()

Declaration

```
public Task<StatusApiModel> GetAsync()
```

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<StatusApiModel>	

Ping()

Declaration

```
public IActionResult Ping()
```

Returns

TYPE	DESCRIPTION
IActionResult	

Class SystemAdminController

Inheritance

System.Object

SystemAdminController

Namespace: Mmm.Iot.IdentityGateway.WebService.Controllers

Assembly: cs.temp.dll.dll

Syntax

```
public class SystemAdminController : Controller
```

Constructors

SystemAdminController(SystemAdminContainer, UserTenantContainer)

Declaration

```
public SystemAdminController(SystemAdminContainer container, UserTenantContainer userTenantcontainer)
```

Parameters

TYPE	NAME	DESCRIPTION
SystemAdminContainer	container	
UserTenantContainer	userTenantcontainer	

Methods

CreateSystemAdminAsync(UserModel)

Declaration

```
public Task<SystemAdminModel> CreateSystemAdminAsync(UserModel model)
```

Parameters

TYPE	NAME	DESCRIPTION
UserModel	model	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<SystemAdminModel>	

DeleteSystemAdminAsync(String)

Declaration

```
public Task<SystemAdminModel> DeleteSystemAdminAsync(string userId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	userId	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<SystemAdminModel>	

GetAllNonSystemAdminsAsync()

Declaration

```
public Task<UserListModel> GetAllNonSystemAdminsAsync()
```

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<UserListModel>	

GetAllSystemAdminsAsync()

Declaration

```
public Task<UserListModel> GetAllSystemAdminsAsync()
```

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<UserListModel>	

Class UserSettingsController

Inheritance

System.Object

UserSettingsController

Namespace: Mmm.Iot.IdentityGateway.WebService.Controllers

Assembly: cs.temp.dll.dll

Syntax

```
public class UserSettingsController : Controller
```

Constructors

UserSettingsController(UserSettingsContainer)

Declaration

```
public UserSettingsController(UserSettingsContainer container)
```

Parameters

TYPE	NAME	DESCRIPTION
UserSettingsContainer	container	

UserSettingsController(UserSettingsContainer, AppConfig)

Declaration

```
public UserSettingsController(UserSettingsContainer container, AppConfig config)
```

Parameters

TYPE	NAME	DESCRIPTION
UserSettingsContainer	container	
AppConfig	config	

Methods

DeleteAsync(String, String)

Declaration

```
public Task<UserSettingsModel> DeleteAsync(string userId, string setting)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	userId	
System.String	setting	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<UserSettingsModel>	

GetAllAsync(String)

Declaration

```
public Task<UserSettingsListModel> GetAllAsync(string userId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	userId	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<UserSettingsListModel>	

GetAsync(String, String)

Declaration

```
public Task<UserSettingsModel> GetAsync(string userId, string setting)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	userId	
System.String	setting	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<UserSettingsModel>	

GetLatestBuildNumber()

Declaration

```
public UserSettingsModel GetLatestBuildNumber()
```

Returns

TYPE	DESCRIPTION
UserSettingsModel	

GetUserActiveDeviceGroupAsync()

Declaration

```
public Task<UserSettingsModel> GetUserActiveDeviceGroupAsync()
```

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<UserSettingsModel>	

PostAsync(String, String, String)

Declaration

```
public Task<UserSettingsModel> PostAsync(string userId, string setting, string value)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	userId	
System.String	setting	
System.String	value	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<UserSettingsModel>	

PutAsync(String, String, String)

Declaration

```
public Task<UserSettingsModel> PutAsync(string userId, string setting, string value)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	userId	
System.String	setting	
System.String	value	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<UserSettingsModel>	

PutUserActiveDeviceGroupAsync(String)

Declaration

```
public Task<UserSettingsModel> PutUserActiveDeviceGroupAsync(string value)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	value	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<UserSettingsModel>	

UserClaimsDeleteAsync(String)

Declaration

```
public Task<UserSettingsModel> UserClaimsDeleteAsync(string setting)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	setting	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<UserSettingsModel>	

UserClaimsGetAllAsync()

Declaration

```
public Task<UserSettingsListModel> UserClaimsGetAllAsync()
```

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<UserSettingsListModel>	

UserClaimsGetAsync(String)

Declaration

```
public Task<UserSettingsModel> UserClaimsGetAsync(string setting)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	setting	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<UserSettingsModel>	

UserClaimsPostAsync(String, String)

Declaration

```
public Task<UserSettingsModel> UserClaimsPostAsync(string setting, string value)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	setting	
System.String	value	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<UserSettingsModel>	

UserClaimsPutAsync(String, String)

Declaration

```
public Task<UserSettingsModel> UserClaimsPutAsync(string setting, string value)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	setting	
System.String	value	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<UserSettingsModel>	

```
public Task<UserSettingsModel> UserClaimsPostAsync(string setting, string value)
```

Class UserTenantController

Inheritance

System.Object

UserTenantController

Namespace: Mmm.Iot.IdentityGateway.WebService.Controllers

Assembly: cs.temp.dll.dll

Syntax

```
public class UserTenantController : Controller
```

Constructors

UserTenantController(UserTenantContainer, IJwtHelpers, ISendGridClientFactory, IInviteHelpers, UserSettingsContainer)

Declaration

```
public UserTenantController(UserTenantContainer container, IJwtHelpers jwtHelper, ISendGridClientFactory
sendGridClientFactory, IInviteHelpers inviteHelper, UserSettingsContainer settingsContainer)
```

Parameters

TYPE	NAME	DESCRIPTION
UserTenantContainer	container	
IJwtHelpers	jwtHelper	
ISendGridClientFactory	sendGridClientFactory	
IInviteHelpers	inviteHelper	
UserSettingsContainer	settingsContainer	

Methods

DeleteAllAsync()

Declaration

```
public Task<UserTenantListModel> DeleteAllAsync()
```

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<UserTenantListModel>	

DeleteAsync(String)

Declaration

```
public Task<UserTenantModel> DeleteAsync(string userId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	userId	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<UserTenantModel>	

GetAllTenantsForUserAsync(String)

Declaration

```
public Task<UserTenantListModel> GetAllTenantsForUserAsync(string userId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	userId	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<UserTenantListModel>	

GetAllUsersForTenantAsync()

Declaration

```
public Task<UserTenantListModel> GetAllUsersForTenantAsync()
```

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<UserTenantListModel>	

GetAsync(String)

Declaration

```
public Task<UserTenantModel> GetAsync(string userId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	userId	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<UserTenantModel>	

InviteAsync(Invitation)

Declaration

```
public Task<UserTenantModel> InviteAsync(Invitation invitation)
```

Parameters

TYPE	NAME	DESCRIPTION
Invitation	invitation	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<UserTenantModel>	

PostAsync(String, UserTenantModel)

Declaration

```
public Task<UserTenantModel> PostAsync(string userId, UserTenantModel model)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	userId	
UserTenantModel	model	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<UserTenantModel>	

PutAsync(String, UserTenantModel)

Declaration

```
public Task<UserTenantModel> PutAsync(string userId, UserTenantModel update)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	userId	
UserTenantModel	update	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<UserTenantModel>	

UserClaimsDeleteAsync()

Declaration

```
public Task<UserTenantModel> UserClaimsDeleteAsync()
```

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<UserTenantModel>	

UserClaimsGetAllTenantsForUserAsync()

Declaration

```
public Task<UserTenantListModel> UserClaimsGetAllTenantsForUserAsync()
```

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<UserTenantListModel>	

UserClaimsGetAsync()

Declaration

```
public Task<UserTenantModel> UserClaimsGetAsync()
```

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<UserTenantModel>	

UserClaimsPostAsync(UserTenantModel)

Declaration

```
public Task<UserTenantModel> UserClaimsPostAsync(UserTenantModel model)
```

Parameters

TYPE	NAME	DESCRIPTION
UserTenantModel	model	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<UserTenantModel>	

UserClaimsPutAsync(UserTenantModel)

Declaration

```
public Task<UserTenantModel> UserClaimsPutAsync(UserTenantModel update)
```

Parameters

TYPE	NAME	DESCRIPTION
UserTenantModel	update	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<UserTenantModel>	

Namespace Mmm.Iot.IoTHubManager.WebService.Controllers

Classes

[DeploymentsController](#)

[DevicePropertiesController](#)

[DevicesController](#)

[JobsController](#)

[ModulesController](#)

[StatusController](#)

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Class DeploymentsController

System.Object

DeploymentsController

Namespace: Mmm.Iot.IoTHubManager.WebService.Controllers

Assembly: cs.temp.dll.dll

Syntax

```
public class DeploymentsController : Controller
```

Constructors

DeploymentsController(IDeployments)

Declaration

```
public DeploymentsController(IDeployments deployments)
```

Parameters

TYPE	NAME	DESCRIPTION
IDeployments	deployments	

Methods

DeleteAsync(String, Boolean)

Declaration

```
public Task DeleteAsync(string id, bool isDelete = true)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	id	
System.Boolean	isDelete	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task	

ExportDeploymentReport(String, Boolean)

Declaration

```
public Task<IActionResult> ExportDeploymentReport(string id, bool isLatest = true)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	id	
System.Boolean	isLatest	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<IActionResult>	

GetAsync()

Declaration

```
public Task<DeploymentListApiModel> GetAsync()
```

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<DeploymentListApiModel>	

GetAsync(String, Boolean, Boolean)

Declaration

```
public Task<DeploymentApiModel> GetAsync(string id, bool includeDeviceStatus = false, bool isLatest = true)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	id	
System.Boolean	includeDeviceStatus	
System.Boolean	isLatest	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<DeploymentApiModel>	

GetDeploymentImpactedDevices(String, String, Boolean)

Declaration

```
public Task<DeviceListApiModel> GetDeploymentImpactedDevices(string id, string query, bool isLatest = false)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	id	

TYPE	NAME	DESCRIPTION
System.String	query	
System.Boolean	isLatest	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<DeviceListApiModel>	

GetDeploymentImpactedEdgeModules(String, String, Boolean)

Declaration

```
public Task<TwinPropertiesListApiModel> GetDeploymentImpactedEdgeModules(string id, string query, bool
isLatest = false)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	id	
System.String	query	
System.Boolean	isLatest	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<TwinPropertiesListApiModel>	

PostAsync(DeploymentApiModel)

Declaration

```
public Task<DeploymentApiModel> PostAsync(DeploymentApiModel deployment)
```

Parameters

TYPE	NAME	DESCRIPTION
DeploymentApiModel	deployment	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<DeploymentApiModel>	

ReactivateAsync(String)

Declaration

```
public Task ReactivateAsync(string id)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	id	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task	

Parameters

TYPE	NAME	DESCRIPTION
System.String	id	

Class DevicePropertiesController

Inheritance

System.Object

DevicePropertiesController

Namespace: Mmm.Iot.IoTHubManager.WebService.Controllers

Assembly: cs.temp.dll.dll

Syntax

```
public class DevicePropertiesController : Controller
```

Constructors

DevicePropertiesController(IDeviceProperties)

Declaration

```
public DevicePropertiesController(IDeviceProperties deviceProperties)
```

Parameters

TYPE	NAME	DESCRIPTION
IDeviceProperties	deviceProperties	

Methods

GetAsync()

Declaration

```
public Task<DevicePropertiesApiModel> GetAsync()
```

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<DevicePropertiesApiModel>	

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Class DevicesController

Inheritance

System.Object

DevicesController

Namespace: Mmm.Iot.IoTHubManager.WebService.Controllers

Assembly: cs.temp.dll.dll

Syntax

```
public class DevicesController : Controller
```

Constructors

DevicesController(IDevices, IDeviceService, IDeviceProperties)

Declaration

```
public DevicesController(IDevices devices, IDeviceService deviceService, IDeviceProperties deviceProperties)
```

Parameters

TYPE	NAME	DESCRIPTION
IDevices	devices	
IDeviceService	deviceService	
IDeviceProperties	deviceProperties	

Methods

DeleteAsync(String)

Declaration

```
public Task DeleteAsync(string id)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	id	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task	

GetDeviceAsync(String)

Declaration

```
public Task<DeviceRegistryApiModel> GetDeviceAsync(string id)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	id	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<DeviceRegistryApiModel>	

GetDeviceDeploymentAsync(String)

Declaration

```
public Task<TwinPropertiesListApiModel> GetDeviceDeploymentAsync(string id)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	id	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<TwinPropertiesListApiModel>	

GetDeviceFilesAsync(String)

Declaration

```
public Task<List<string>> GetDeviceFilesAsync(string id)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	id	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<System.Collections.Generic.List<System.String>>	

GetDevicesAsync(String)

Declaration

```
public Task<DeviceListApiModel> GetDevicesAsync(string query)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	query	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<DeviceListApiModel>	

InvokeDeviceMethodAsync(String, MethodParameterApiModel)

Declaration

```
public Task<MethodResultApiModel> InvokeDeviceMethodAsync(string id, MethodParameterApiModel parameter)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	id	
MethodParameterApiModel	parameter	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<MethodResultApiModel>	

PostAsync(DeviceRegistryApiModel)

Declaration

```
public Task<DeviceRegistryApiModel> PostAsync(DeviceRegistryApiModel device)
```

Parameters

TYPE	NAME	DESCRIPTION
DeviceRegistryApiModel	device	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<DeviceRegistryApiModel>	

PutAsync(String, DeviceRegistryApiModel)

Declaration

```
public Task<DeviceRegistryApiModel> PutAsync(string id, DeviceRegistryApiModel device)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	id	
DeviceRegistryApiModel	device	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<DeviceRegistryApiModel>	

QueryDevicesAsync(String)

Declaration

```
public Task<DeviceListApiModel> QueryDevicesAsync(string query)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	query	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<DeviceListApiModel>	

SendCloudToDeviceAsync(String, String)

Declaration

```
public Task SendCloudToDeviceAsync(string id, string message)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	id	
System.String	message	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task	

Class JobsController

Inheritance

System.Object

JobsController

Namespace: Mmm.Iot.IoTHubManager.WebService.Controllers

Assembly: cs.temp.dll.dll

Syntax

```
public class JobsController : Controller
```

Constructors

JobsController(IJobs)

Declaration

```
public JobsController(IJobs jobs)
```

Parameters

TYPE	NAME	DESCRIPTION
IJobs	jobs	

Methods

GetAsync(Nullable<JobType>, Nullable<JobStatus>, Nullable<Int32>, String, String)

Declaration

```
public Task<IEnumerable<JobApiModel>> GetAsync(JobType? jobType, JobStatus? jobStatus, int? pageSize, string
from, string to)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Nullable<JobType>	jobType	
System.Nullable<JobStatus>	jobStatus	
System.Nullable<System.Int32>	pageSize	
System.String	from	
System.String	to	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<System.Collections.Generic.IEnumerable<JobApiModel>>	

GetJobAsync(String, Nullable<Boolean>, Nullable<DeviceJobStatus>)

Declaration

```
public Task<JobApiModel> GetJobAsync(string jobId, bool? includeDeviceDetails, DeviceJobStatus?
deviceJobStatus)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	jobId	
System.Nullable<System.Boolean>	includeDeviceDetails	
System.Nullable<DeviceJobStatus>	deviceJobStatus	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<JobApiModel>	

ScheduleAsync(JobApiModel)

Declaration

```
public Task<JobApiModel> ScheduleAsync(JobApiModel parameter)
```

Parameters

TYPE	NAME	DESCRIPTION
JobApiModel	parameter	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<JobApiModel>	

3M

Class ModulesController

Inheritance

System.Object

ModulesController

Namespace: Mmm.Iot.IoTHubManager.WebService.Controllers

Assembly: cs.temp.dll.dll

Syntax

```
public class ModulesController : Controller
```

Constructors

ModulesController(IDevices)

Declaration

```
public ModulesController(IDevices devices)
```

Parameters

TYPE	NAME	DESCRIPTION
IDevices	devices	

Methods

GetModuleTwinAsync(String, String)

Declaration

```
public Task<TwinPropertiesApiModel> GetModuleTwinAsync(string deviceId, string moduleId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	deviceId	
System.String	moduleId	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<TwinPropertiesApiModel>	

GetModuleTwinsAsync(String)

Declaration

```
public Task<TwinPropertiesListApiModel> GetModuleTwinsAsync(string query)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	query	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<TwinPropertiesListApiModel>	

QueryModuleTwinsAsync(String)

Declaration

```
public Task<TwinPropertiesListApiModel> QueryModuleTwinsAsync(string query)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	query	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<TwinPropertiesListApiModel>	

Class StatusController

Inheritance

System.Object

StatusController

Namespace: Mmm.Iot.IoTHubManager.WebService.Controllers

Assembly: cs.temp.dll.dll

Syntax

```
public sealed class StatusController : ControllerBase
```

Constructors

StatusController(IStatusService)

Declaration

```
public StatusController(IStatusService statusService)
```

Parameters

TYPE	NAME	DESCRIPTION
IStatusService	statusService	

Methods

GetAsync()

Declaration

```
public Task<StatusApiModel> GetAsync()
```

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<StatusApiModel>	

Ping()

Declaration

```
public IActionResult Ping()
```

Returns

TYPE	DESCRIPTION
IActionResult	

3M

Namespace Mmm.Iot.StorageAdapter.WebService.Controllers

Classes

StatusController

ValuesController

Class StatusController

Inheritance

System.Object

StatusController

Namespace: Mmm.Iot.StorageAdapter.WebService.Controllers

Assembly: cs.temp.dll.dll

Syntax

```
public sealed class StatusController : ControllerBase
```

Constructors

StatusController(IStatusService)

Declaration

```
public StatusController(IStatusService statusService)
```

Parameters

TYPE	NAME	DESCRIPTION
IStatusService	statusService	

Methods

GetAsync()

Declaration

```
public Task<StatusApiModel> GetAsync()
```

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<StatusApiModel>	

Ping()

Declaration

```
public IActionResult Ping()
```

Returns

TYPE	DESCRIPTION
IActionResult	

3M

Class ValuesController

Inheritance

System.Object

ValuesController

Namespace: Mmm.Iot.StorageAdapter.WebService.Controllers

Assembly: cs.temp.dll.dll

Syntax

```
public class ValuesController : Controller
```

Constructors

ValuesController(IKeyValueContainer, IKeyGenerator, ILogger<ValuesController>)

Declaration

```
public ValuesController(IKeyValueContainer container, IKeyGenerator keyGenerator, ILogger<ValuesController>
logger)
```

Parameters

TYPE	NAME	DESCRIPTION
IKeyValueContainer	container	
IKeyGenerator	keyGenerator	
ILogger<ValuesController>	logger	

Methods

Delete(String, String)

Declaration

```
public Task Delete(string collectionId, string key)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	collectionId	
System.String	key	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task	

Get(String)

Declaration

```
public Task<ValueListApiModel> Get(string collectionId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	collectionId	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<ValueListApiModel>	

Get(String, String)

Declaration

```
public Task<ValueApiModel> Get(string collectionId, string key)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	collectionId	
System.String	key	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<ValueApiModel>	

Post(String, ValueServiceModel)

Declaration

```
public Task<ValueApiModel> Post(string collectionId, ValueServiceModel model)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	collectionId	
ValueServiceModel	model	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<ValueApiModel>	

Put(String, String, ValueServiceModel)

Declaration

```
public Task<ValueApiModel> Put(string collectionId, string key, ValueServiceModel model)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	collectionId	
System.String	key	
ValueServiceModel	model	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<ValueApiModel>	

Namespace Mmm.Iot.TenantManager.WebService.Controllers

Classes

AlertingController

StatusController

TenantController

TenantReadyController

Class AlertingController

Syntax

```
public class AlertingController : Controller
```

Constructors

AlertingController(IAlertingContainer, ILogger<AlertingController>)

Declaration

```
public AlertingController(IAlertingContainer alertingContainer, ILogger<AlertingController> logger)
```

Parameters

TYPE	NAME	DESCRIPTION
IAlertingContainer	alertingContainer	
ILogger<AlertingController>	logger	

Methods

AddAlertingAsync()

Declaration

```
public Task<StreamAnalyticsJobModel> AddAlertingAsync()
```

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<StreamAnalyticsJobModel>	

GetAlertingAsync(Boolean)

Declaration

```
public Task<StreamAnalyticsJobModel> GetAlertingAsync(bool createIfNotExists = false)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Boolean	createIfNotExists	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<StreamAnalyticsJobModel>	

RemoveAlertingAsync()

Declaration

```
public Task<StreamAnalyticsJobModel> RemoveAlertingAsync()
```

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<StreamAnalyticsJobModel>	

StartAsync()

Declaration

```
public Task<StreamAnalyticsJobModel> StartAsync()
```

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<StreamAnalyticsJobModel>	

StopAsync()

Declaration

```
public Task<StreamAnalyticsJobModel> StopAsync()
```

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<StreamAnalyticsJobModel>	

Class StatusController

Inheritance

Inheritance

System.Object

StatusController

Namespace: Mmm.Iot.TenantManager.WebService.Controllers

Assembly: cs.temp.dll.dll

Syntax

```
public sealed class StatusController : ControllerBase
```

Constructors

StatusController(IStatusService)

Declaration

```
public StatusController(IStatusService statusService)
```

Parameters

TYPE	NAME	DESCRIPTION
IStatusService	statusService	

Methods

GetAsync()

Declaration

```
public Task<StatusApiModel> GetAsync()
```

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<StatusApiModel>	

Ping()

Declaration

```
public IActionResult Ping()
```

Returns

TYPE	DESCRIPTION
IActionResult	

Class TenantController

Inheritance

System.Object

TenantController

Namespace: Mmm.Iot.TenantManager.WebService.Controllers

Assembly: cs.temp.dll.dll

Syntax

```
public class TenantController : Controller
```

Constructors

TenantController(ITenantContainer, ILogger<TenantController>)

Declaration

```
public TenantController(ITenantContainer tenantContainer, ILogger<TenantController> logger)
```

Parameters

TYPE	NAME	DESCRIPTION
ITenantContainer	tenantContainer	
ILogger<TenantController>	logger	

Methods

DeleteAsync(Boolean)

Declaration

```
public Task<DeleteTenantModel> DeleteAsync(bool ensureFullyDeployed = true)
```

Parameters

TYPE	NAME	DESCRIPTION
System.Boolean	ensureFullyDeployed	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<DeleteTenantModel>	

GetAsync()

Declaration

```
public Task<TenantModel> GetAsync()
```

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<TenantModel>	

GetTenantsAsync()

Declaration

```
public Task<UserTenantListModel> GetTenantsAsync()
```

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<UserTenantListModel>	

PostAsync()

Declaration

```
public Task<CreateTenantModel> PostAsync()
```

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<CreateTenantModel>	

UpdateAsync(String, String)

Declaration

```
public Task<TenantModel> UpdateAsync(string tenantId, string tenantName)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	tenantId	
System.String	tenantName	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<TenantModel>	

Class TenantReadyController

Inheritance

System.Object

TenantReadyController

Namespace: Mmm.Iot.TenantManager.WebService.Controllers

Assembly: cs.temp.dll.dll

Syntax

```
public class TenantReadyController : Controller
```

Constructors

TenantReadyController(ITenantContainer, ILogger<TenantReadyController>)

Declaration

```
public TenantReadyController(ITenantContainer tenantContainer, ILogger<TenantReadyController> logger)
```

Parameters

TYPE	NAME	DESCRIPTION
ITenantContainer	tenantContainer	
ILogger<TenantReadyController>	logger	

Methods

GetAsync(String)

Declaration

```
public Task<bool> GetAsync(string tenantId)
```

Parameters

TYPE	NAME	DESCRIPTION
System.String	tenantId	

Returns

TYPE	DESCRIPTION
System.Threading.Tasks.Task<System.Boolean>	