Trabalho Prático ISI

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Chapter 1

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Chapter 2

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Chapter 3

Json.NET Schema

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Chapter 4

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Chapter 8

Namespace Documentation

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- class AuthorizedRequirementHandler
- class Program
- class Startup

8.2 API.Controllers Namespace Reference

Classes

- class DGSController
- class EquipasController
- interface IJWTAuthManager
- class JWTAuthManager

  Classe auxiliar para gerir Autenticação e JWT
- class SecurityController
- class UserController

  Gestor de Autenticações - Authentication Manager
- class VisitasController

8.3 API.Models Namespace Reference

Classes

- class AuthRequest
- class AuthResponse
- class ConcelhoModel
- class EquipaModel
- class MaterialModel
- class User
- class Users

Enumerations

- enum **Roles** { **Admin** , **Reader** , **Editor** , **User** }

8.4 Cliente Namespace Reference

Classes

- class Form1
- class **Program**

8.5 Cliente.Casos Namespace Reference

Classes

- class CasosClient
- interface ICasos
- interface ICasosChannel

8.6 Cliente.CasosAzure Namespace Reference

Classes

- class CasosClient
- interface ICasos
- interface ICasosChannel

8.7 Cliente.Contactos Namespace Reference

Classes

- class ContactosClient
- interface IContactos
- interface IContactosChannel

8.8 Cliente.ContactosAzure Namespace Reference

Classes

- class ContactosClient
- interface IContactos
- interface IContactosChannel

8.9 Cliente.Properties Namespace Reference

Classes

- class **Resources**

  Uma classe de recurso fortemente tipados, para pesquisar cadeias de caracteres localizadas etc.
- class **Settings**

8.10 Cliente.Utentes Namespace Reference

Classes

- interface IUtentes
- interface IUtentesChannel
- class UtentesClient

8.11 Cliente.UtentesAzure Namespace Reference

Classes

- interface IUtentes
- interface IUtentesChannel
- class UtentesClient

8.12 ClientRest Namespace Reference

Classes

- class EquipaModel
- class Form1
- class MaterialModel
- class **Program**
- class RequisicaoMaterialModel
- class RequisicaoModel

8.13 ClientRest.Properties Namespace Reference

Classes

- class **Resources**

  A strongly-typed resource class, for looking up localized strings, etc.
- class **Settings**

8.14 Dashboard Namespace Reference

Classes

- class ConcelhoModel
- class EquipaModel
- class Form1
- class Login
- class MaterialModel
- class **Program**

8.15 Dashboard.Casos Namespace Reference

Classes

- class CasosClient
- interface ICasos
- interface ICasosChannel
- class ModeloCasos

8.16 Dashboard.CasosAzure Namespace Reference

Classes

- class CasosClient
- interface ICasos
- interface ICasosChannel

8.17 Dashboard.Properties Namespace Reference

Classes

- class **Resources**

  Uma classe de recurso fortemente tipados, para pesquisar cadeias de caracteres localizadas etc.
- class **Settings**

8.18 FileConversion Namespace Reference

Classes

- class Fiscalizacao

  Estrutura de Dados de uma Ação de Fiscalização.
- class Fiscalizado

  Estrutura de Dados dos Fiscalizados (Visitados).
- class Form1
- class Irregularidade

  Estrutura de Dados de Irregularidades detetadas em cada Visita.
- class **Program**

8.19 FileConversion.Properties Namespace Reference

Classes

- class **Resources**

  A strongly-typed resource class, for looking up localized strings, etc.
- class **Settings**

8.20 ISIAPI Namespace Reference

Classes

- class ModeloEquipa
- class ModeloEquipas
- class ModeloMateriais
- class ModeloMaterial
- class ModeloRequisicao
- class ModeloRequisicaoMaterial
- class ModeloRequisicoes
- class ModeloRequisicoesMateriais
- class Program
- class Startup
- class WeatherForecast

8.21 ISIAPI.Controllers Namespace Reference

Classes

- class EquipaController
- class MaterialController
- class RequisicaoController
- class RequisicaoMaterialController

8.22 SOAP Namespace Reference

Classes

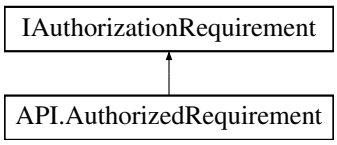
- class Casos
- class Contactos
- interface ICasos
- interface IContactos
- interface IUtentes
- class ModeloCasos
- class ModeloContactos
- class ModeloUtente
- class Utentes

Chapter 9

Class Documentation

9.1 API.AuthorizedRequirement Class Reference

Inheritance diagram for API.AuthorizedRequirement:

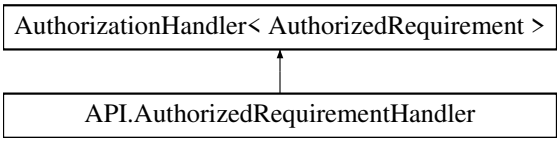


The documentation for this class was generated from the following file:

- Dashboard/API/Models/AuthorizedRequirement.cs

9.2 API.AuthorizedRequirementHandler Class Reference

Inheritance diagram for API.AuthorizedRequirementHandler:



Protected Member Functions

- override Task **HandleRequirementAsync** (AuthorizationHandlerContext context, AuthorizedRequirement requirement)

The documentation for this class was generated from the following file:

- Dashboard/API/Models/AuthorizedRequirement.cs

9.3 API.Models.AuthRequest Class Reference

Properties

- string **Username** `[getset]`
- string **Password** `[getset]`

The documentation for this class was generated from the following files:

- Dashboard/API/Models/AuthRequest.cs
- Dashboard/Dashboard/Models/AuthRequest.cs

9.4 API.Models.AuthResponse Class Reference

Public Member Functions

- **AuthResponse** (string user, string token)
- **AuthResponse** (AuthRequest user, string token, DateTime expires)
- **AuthResponse** (string user, string token)
- **AuthResponse** (AuthRequest user, string token, DateTime expires)

Properties

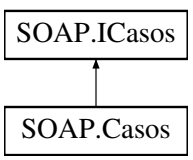
- string **Name** `[getset]`
- string **Token** `[getset]`
- DateTime **Expiration** `[getset]`

The documentation for this class was generated from the following files:

- Dashboard/API/Models/AuthResponse.cs
- Dashboard/Dashboard/Models/AuthResponse.cs

9.5 SOAP.Casos Class Reference

Inheritance diagram for SOAP.Casos:



Public Member Functions

- DataSet GetCasos ()
- DataSet GetCasos (int nif)
- DataSet GetCasos (string data)
- string AddCasos (ModeloCasos casos)

Protected Attributes

- SqlConnection **con** = new SqlConnection(server)

Static Protected Attributes

- static string **server** = ConfigurationManager.ConnectionStrings["ISI"].ConnectionString

9.5.1 Member Function Documentation

9.5.1.1 AddCasos()

```
string SOAP.Casos.AddCasos (
            ModeloCasos casos )
```

Implements SOAP.ICasos.

9.5.1.2 GetCasos() [1/3]

```
DataSet SOAP.Casos.GetCasos ( )
```

Implements SOAP.ICasos.

9.5.1.3 GetCasos() [2/3]

```
DataSet SOAP.Casos.GetCasos (
            int nif )
```

Implements SOAP.ICasos.

9.5.1.4 GetCasos() [3/3]

```
DataSet SOAP.Casos.GetCasos (
            string data )
```

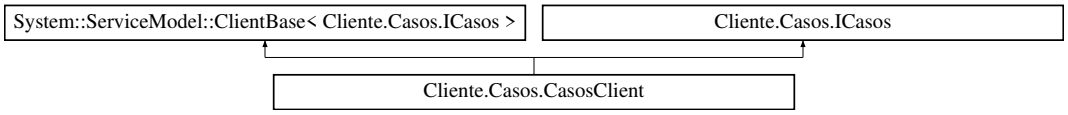
Implements SOAP.ICasos.

The documentation for this class was generated from the following file:

- SOAP service/SOAP/SOAP/Casos.svc.cs

9.6 Cliente.Casos.CasosClient Class Reference

Inheritance diagram for Cliente.Casos.CasosClient:



Public Member Functions

- **CasosClient** (string endpointConfigurationName)
- **CasosClient** (string endpointConfigurationName, string remoteAddress)
- **CasosClient** (string endpointConfigurationName, System.ServiceModel.EndpointAddress remoteAddress)
- **CasosClient** (System.ServiceModel.Channels.Binding binding, System.ServiceModel.EndpointAddress remoteAddress)
- System.Data.DataSet GetCasos ()
- System.Threading.Tasks.Task< System.Data.DataSet > GetCasosAsync ()
- System.Data.DataSet GetCasosByNIF (int nif)
- System.Threading.Tasks.Task< System.Data.DataSet > GetCasosByNIFAsync (int nif)
- System.Data.DataSet GetCasosByData (string data)
- System.Threading.Tasks.Task< System.Data.DataSet > GetCasosByDataAsync (string data)
- string AddCasos (SOAP.ModeloCasos casos)
- System.Threading.Tasks.Task< string > AddCasosAsync (SOAP.ModeloCasos casos)

9.6.1 Member Function Documentation

9.6.1.1 AddCasos()

```
string Cliente.Casos.CasosClient.AddCasos (
            SOAP.ModeloCasos casos )
```

Implements Cliente.Casos.ICasos.

9.6.1.2 AddCasosAsync()

```
System.Threading.Tasks.Task< string > Cliente.Casos.CasosClient.AddCasosAsync (
            SOAP.ModeloCasos casos )
```

Implements Cliente.Casos.ICasos.

9.6.1.3 GetCasos()

```
System.Data.DataSet Cliente.Casos.CasosClient.GetCasos ( )
```

Implements Cliente.Casos.ICasos.

9.6.1.4 GetCasosAsync()

```
System.Threading.Tasks.Task< System.Data.DataSet > Cliente.Casos.CasosClient.GetCasosAsync ( )
```

Implements Cliente.Casos.ICasos.

9.6.1.5 GetCasosByData()

```
System.Data.DataSet Cliente.Casos.CasosClient.GetCasosByData (
            string data )
```

Implements Cliente.Casos.ICasos.

9.6.1.6 GetCasosByDataAsync()

```
System.Threading.Tasks.Task< System.Data.DataSet > Cliente.Casos.CasosClient.GetCasosByData↩
Async (
            string data )
```

Implements Cliente.Casos.ICasos.

9.6.1.7 GetCasosByNIF()

```
System.Data.DataSet Cliente.Casos.CasosClient.GetCasosByNIF (
            int nif )
```

Implements Cliente.Casos.ICasos.

9.6.1.8 GetCasosByNIFAsync()

```
System.Threading.Tasks.Task< System.Data.DataSet > Cliente.Casos.CasosClient.GetCasosBy↩
NIFAsync (
            int nif )
```

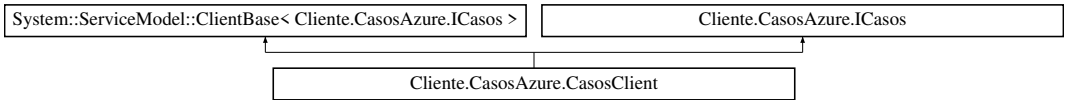
Implements Cliente.Casos.ICasos.

The documentation for this class was generated from the following file:

- SOAP service/SOAP/Cliente/Connected Services/Casos/Reference.cs

9.7 Cliente.CasosAzure.CasosClient Class Reference

Inheritance diagram for Cliente.CasosAzure.CasosClient:



Public Member Functions

- **CasosClient** (string endpointConfigurationName)
- **CasosClient** (string endpointConfigurationName, string remoteAddress)
- **CasosClient** (string endpointConfigurationName, System.ServiceModel.EndpointAddress remoteAddress)
- **CasosClient** (System.ServiceModel.Channels.Binding binding, System.ServiceModel.EndpointAddress remoteAddress)
- System.Data.DataSet GetCasos ()
- System.Threading.Tasks.Task< System.Data.DataSet > GetCasosAsync ()
- System.Data.DataSet GetCasosByNIF (int nif)
- System.Threading.Tasks.Task< System.Data.DataSet > GetCasosByNIFAsync (int nif)
- System.Data.DataSet GetCasosByData (string data)
- System.Threading.Tasks.Task< System.Data.DataSet > GetCasosByDataAsync (string data)
- string AddCasos (string data, int idUtente)
- System.Threading.Tasks.Task< string > AddCasosAsync (string data, int idUtente)

9.7.1 Member Function Documentation

9.7.1.1 AddCasos()

```
string Cliente.CasosAzure.CasosClient.AddCasos (
            string data,
            int idUtente )
```

Implements Cliente.CasosAzure.ICasos.

9.7.1.2 AddCasosAsync()

```
System.Threading.Tasks.Task< string > Cliente.CasosAzure.CasosClient.AddCasosAsync (
            string data,
            int idUtente )
```

Implements Cliente.CasosAzure.ICasos.

9.7.1.3 GetCasos()

```
System.Data.DataSet Cliente.CasosAzure.CasosClient.GetCasos ( )
```

Implements Cliente.CasosAzure.ICasos.

9.7.1.4 GetCasosAsync()

```
System.Threading.Tasks.Task< System.Data.DataSet > Cliente.CasosAzure.CasosClient.GetCasos↩
Async ( )
```

Implements Cliente.CasosAzure.ICasos.

9.7.1.5 GetCasosByData()

```
System.Data.DataSet Cliente.CasosAzure.CasosClient.GetCasosByData (
            string data )
```

Implements Cliente.CasosAzure.ICasos.

9.7.1.6 GetCasosByDataAsync()

```
System.Threading.Tasks.Task< System.Data.DataSet > Cliente.CasosAzure.CasosClient.GetCasosBy↩
DataAsync (
            string data )
```

Implements Cliente.CasosAzure.ICasos.

9.7.1.7 GetCasosByNIF()

```
System.Data.DataSet Cliente.CasosAzure.CasosClient.GetCasosByNIF (
            int nif )
```

Implements Cliente.CasosAzure.ICasos.

9.7.1.8 GetCasosByNIFAsync()

```
System.Threading.Tasks.Task< System.Data.DataSet > Cliente.CasosAzure.CasosClient.GetCasosBy↩
NIFAsync (
            int nif )
```

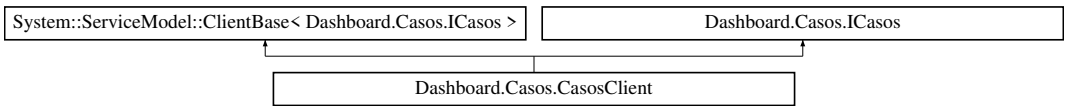
Implements Cliente.CasosAzure.ICasos.

The documentation for this class was generated from the following file:

- SOAP service/SOAP/Cliente/Connected Services/CasosAzure/Reference.cs

9.8 Dashboard.Casos.CasosClient Class Reference

Inheritance diagram for Dashboard.Casos.CasosClient:



Public Member Functions

- **CasosClient** (string endpointConfigurationName)
- **CasosClient** (string endpointConfigurationName, string remoteAddress)
- **CasosClient** (string endpointConfigurationName, System.ServiceModel.EndpointAddress remoteAddress)
- **CasosClient** (System.ServiceModel.Channels.Binding binding, System.ServiceModel.EndpointAddress remoteAddress)
- System.Data.DataSet GetCasos ()
- System.Threading.Tasks.Task< System.Data.DataSet > GetCasosAsync ()
- System.Data.DataSet GetCasosByNIF (int nif)
- System.Threading.Tasks.Task< System.Data.DataSet > GetCasosByNIFAsync (int nif)
- System.Data.DataSet GetCasosByData (string data)
- System.Threading.Tasks.Task< System.Data.DataSet > GetCasosByDataAsync (string data)
- string AddCasos (Dashboard.Casos.ModeloCasos casos)
- System.Threading.Tasks.Task< string > AddCasosAsync (Dashboard.Casos.ModeloCasos casos)

9.8.1 Member Function Documentation

9.8.1.1 AddCasos()

```
string Dashboard.Casos.CasosClient.AddCasos (
            Dashboard.Casos.ModeloCasos casos )
```

Implements Dashboard.Casos.ICasos.

9.8.1.2 AddCasosAsync()

```
System.Threading.Tasks.Task< string > Dashboard.Casos.CasosClient.AddCasosAsync (
            Dashboard.Casos.ModeloCasos casos )
```

Implements Dashboard.Casos.ICasos.

9.8.1.3 GetCasos()

```
System.Data.DataSet Dashboard.Casos.CasosClient.GetCasos ( )
```

Implements Dashboard.Casos.ICasos.

9.8.1.4 GetCasosAsync()

```
System.Threading.Tasks.Task< System.Data.DataSet > Dashboard.Casos.CasosClient.GetCasosAsync (
)
```

Implements Dashboard.Casos.ICasos.

9.8.1.5 GetCasosByData()

```
System.Data.DataSet Dashboard.Casos.CasosClient.GetCasosByData (
            string data )
```

Implements Dashboard.Casos.ICasos.

9.8.1.6 GetCasosByDataAsync()

```
System.Threading.Tasks.Task< System.Data.DataSet > Dashboard.Casos.CasosClient.GetCasosBy↩
DataAsync (
            string data )
```

Implements Dashboard.Casos.ICasos.

9.8.1.7 GetCasosByNIF()

```
System.Data.DataSet Dashboard.Casos.CasosClient.GetCasosByNIF (
            int nif )
```

Implements Dashboard.Casos.ICasos.

9.8.1.8 GetCasosByNIFAsync()

```
System.Threading.Tasks.Task< System.Data.DataSet > Dashboard.Casos.CasosClient.GetCasosBy↩
NIFAsync (
            int nif )
```

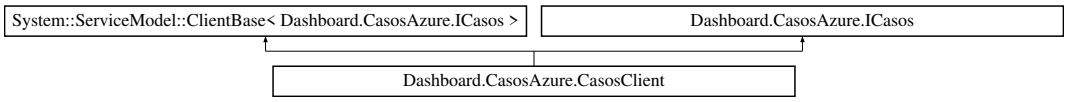
Implements Dashboard.Casos.ICasos.

The documentation for this class was generated from the following file:

- Dashboard/Dashboard/Connected Services/Casos/Reference.cs

9.9 Dashboard.CasosAzure.CasosClient Class Reference

Inheritance diagram for Dashboard.CasosAzure.CasosClient:



Public Member Functions

- **CasosClient** (string endpointConfigurationName)
- **CasosClient** (string endpointConfigurationName, string remoteAddress)
- **CasosClient** (string endpointConfigurationName, System.ServiceModel.EndpointAddress remoteAddress)
- **CasosClient** (System.ServiceModel.Channels.Binding binding, System.ServiceModel.EndpointAddress remoteAddress)
- System.Data.DataSet GetCasos ()
- System.Threading.Tasks.Task< System.Data.DataSet > GetCasosAsync ()
- System.Data.DataSet GetCasosByNIF (int nif)
- System.Threading.Tasks.Task< System.Data.DataSet > GetCasosByNIFAsync (int nif)
- System.Data.DataSet GetCasosByData (string data)
- System.Threading.Tasks.Task< System.Data.DataSet > GetCasosByDataAsync (string data)
- string AddCasos (string data, int idUtente)
- System.Threading.Tasks.Task< string > AddCasosAsync (string data, int idUtente)

9.9.1 Member Function Documentation

9.9.1.1 AddCasos()

```
string Dashboard.CasosAzure.CasosClient.AddCasos (
            string data,
            int idUtente )
```

Implements Dashboard.CasosAzure.ICasos.

9.9.1.2 AddCasosAsync()

```
System.Threading.Tasks.Task< string > Dashboard.CasosAzure.CasosClient.AddCasosAsync (
            string data,
            int idUtente )
```

Implements Dashboard.CasosAzure.ICasos.

9.9.1.3 GetCasos()

```
System.Data.DataSet Dashboard.CasosAzure.CasosClient.GetCasos ( )
```

Implements Dashboard.CasosAzure.ICasos.

9.9.1.4 GetCasosAsync()

```
System.Threading.Tasks.Task< System.Data.DataSet > Dashboard.CasosAzure.CasosClient.GetCasos↩
Async ( )
```

Implements Dashboard.CasosAzure.ICasos.

9.9.1.5 GetCasosByData()

```
System.Data.DataSet Dashboard.CasosAzure.CasosClient.GetCasosByData (
            string data )
```

Implements Dashboard.CasosAzure.ICasos.

9.9.1.6 GetCasosByDataAsync()

```
System.Threading.Tasks.Task< System.Data.DataSet > Dashboard.CasosAzure.CasosClient.GetCasos↩
ByDataAsync (
            string data )
```

Implements Dashboard.CasosAzure.ICasos.

9.9.1.7 GetCasosByNIF()

```
System.Data.DataSet Dashboard.CasosAzure.CasosClient.GetCasosByNIF (
            int nif )
```

Implements Dashboard.CasosAzure.ICasos.

9.9.1.8 GetCasosByNIFAsync()

```
System.Threading.Tasks.Task< System.Data.DataSet > Dashboard.CasosAzure.CasosClient.GetCasos↩
ByNIFAsync (
            int nif )
```

Implements Dashboard.CasosAzure.ICasos.

The documentation for this class was generated from the following file:

- Dashboard/Dashboard/Connected Services/CasosAzure/Reference.cs

9.10 API.Models.ConcelhoModel Class Reference

Properties

- string **data** [getset]
- string **concelho** [getset]
- int **confirmados_14** [getset]
- int **confirmados_1** [getset]
- int **incidencia** [getset]
- string **incidencia_categoria** [getset]
- string **incidencia_risco** [getset]
- string **tendencia_incidencia** [getset]
- string **tendencia_categoria** [getset]
- string **tendencia_desc** [getset]
- int **casos_14dias** [getset]
- string **ars** [getset]
- string **distrito** [getset]
- int **dicofre** [getset]
- float **area** [getset]

- int **population** [getset]
- int **population_65_69** [getset]
- int **population_70_74** [getset]
- int **population_75_79** [getset]
- int **population_80_84** [getset]
- int **population_85_mais** [getset]
- int **population_80_mais** [getset]
- int **population_75_mais** [getset]
- int **population_70_mais** [getset]
- int **population_65_mais** [getset]
- float **densidade_populacional** [getset]
- float **densidade_1** [getset]
- float **densidade_2** [getset]
- float **densidade_3** [getset]

The documentation for this class was generated from the following file:

- Dashboard/API/Models/ConcelhoModel.cs

9.11 Dashboard.ConcelhoModel Class Reference

Properties

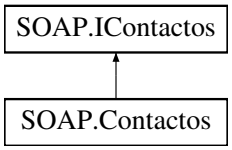
- string **data** [getset]
- string **concelho** [getset]
- int **confirmados_14** [getset]
- int **confirmados_1** [getset]
- int **incidencia** [getset]
- string **incidencia_categoria** [getset]
- string **incidencia_risco** [getset]
- string **tendencia_incidencia** [getset]
- string **tendencia_categoria** [getset]
- string **tendencia_desc** [getset]
- int **casos_14dias** [getset]
- string **ars** [getset]
- string **distrito** [getset]
- int **dicofre** [getset]
- float **area** [getset]
- int **population** [getset]
- int **population_65_69** [getset]
- int **population_70_74** [getset]
- int **population_75_79** [getset]
- int **population_80_84** [getset]
- int **population_85_mais** [getset]
- int **population_80_mais** [getset]
- int **population_75_mais** [getset]
- int **population_70_mais** [getset]
- int **population_65_mais** [getset]
- float **densidade_populacional** [getset]
- float **densidade_1** [getset]
- float **densidade_2** [getset]
- float **densidade_3** [getset]

The documentation for this class was generated from the following file:

- Dashboard/Dashboard/Form1.cs

9.12 SOAP.Contactos Class Reference

Inheritance diagram for SOAP.Contactos:



Public Member Functions

- DataSet GetContacto ()

  Connects to a Database to Find Contacts.
- DataSet GetContacto (int id, bool nif)

  Connects to a Database to Find Contacts.
- string AddContacto (ModeloContactos contacto)

  Connects to a Database to Insert Contactos

Protected Attributes

- SqlConnection **con** = new SqlConnection(server)

Static Protected Attributes

- static string **server** = ConfigurationManager.ConnectionStrings["ISI"].ConnectionString

9.12.1 Member Function Documentation

9.12.1.1 AddContacto()

```
string SOAP.Contactos.AddContacto (
            ModeloContactos contacto )
```

Connects to a Database to Insert Contactos

Parameters

idUtente	NIF.
idCaso	ID de Caso associado.

Returns

If reaches end of function.

If reaches end of function.

Implements SOAP.IContactos.

9.12.1.2 GetContacto() [1/2]

```
DataSet SOAP.Contactos.GetContacto ( )
```

Connects to a Database to Find Contacts.

Returns

Returns a DataSet with information on All Rows for Contacts with Covid-positive Cases.

Implements SOAP.IContactos.

9.12.1.3 GetContacto() [2/2]

```
DataSet SOAP.Contactos.GetContacto (
            int id,
            bool nif )
```

Connects to a Database to Find Contacts.

Parameters

id	
nif	True if 'id' is NIF. False if IdCaso.

Returns

Returns a DataSet with information on All Rows for Contacts with Covid-positive Cases.

Implements SOAP.IContactos.

The documentation for this class was generated from the following file:

- SOAP service/SOAP/SOAP/Contactos.svc.cs

9.13 Cliente.Contactos.ContactosClient Class Reference

Inheritance diagram for Cliente.Contactos.ContactosClient:

Public Member Functions

- **ContactosClient** (string endpointConfigurationName)
- **ContactosClient** (string endpointConfigurationName, string remoteAddress)
- **ContactosClient** (string endpointConfigurationName, System.ServiceModel.EndpointAddress remote↩ Address)
- **ContactosClient** (System.ServiceModel.Channels.Binding binding, System.ServiceModel.EndpointAddress remoteAddress)
- System.Data.DataSet GetContacto ()
- System.Threading.Tasks.Task< System.Data.DataSet > GetContactoAsync ()
- System.Data.DataSet GetContactoByAtributes (int id, bool nif)
- System.Threading.Tasks.Task< System.Data.DataSet > GetContactoByAtributesAsync (int id, bool nif)
- string AddContacto (SOAP.ModeloContactos contacto)
- System.Threading.Tasks.Task< string > AddContactoAsync (SOAP.ModeloContactos contacto)

9.13.1 Member Function Documentation

9.13.1.1 AddContacto()

```
string Cliente.Contactos.ContactosClient.AddContacto (
            SOAP.ModeloContactos contacto )
```

Implements Cliente.Contactos.IContactos.

9.13.1.2 AddContactoAsync()

```
System.Threading.Tasks.Task< string > Cliente.Contactos.ContactosClient.AddContactoAsync (
            SOAP.ModeloContactos contacto )
```

Implements Cliente.Contactos.IContactos.

9.13.1.3 GetContacto()

```
System.Data.DataSet Cliente.Contactos.ContactosClient.GetContacto ( )
```

Implements Cliente.Contactos.IContactos.

9.13.1.4 GetContactoAsync()

```
System.Threading.Tasks.Task< System.Data.DataSet > Cliente.Contactos.ContactosClient.Get↩
ContactoAsync ( )
```

Implements Cliente.Contactos.IContactos.

9.13.1.5 GetContactoByAtributes()

```
System.Data.DataSet Cliente.Contactos.ContactosClient.GetContactoByAtributes (
            int id,
            bool nif )
```

Implements Cliente.Contactos.IContactos.

9.13.1.6 GetContactoByAtributesAsync()

```
System.Threading.Tasks.Task< System.Data.DataSet > Cliente.Contactos.ContactosClient.Get↩
ContactoByAtributesAsync (
            int id,
            bool nif )
```

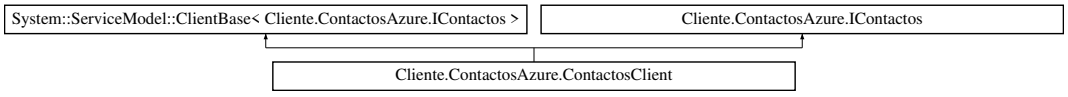
Implements Cliente.Contactos.IContactos.

The documentation for this class was generated from the following file:

- SOAP service/SOAP/Cliente/Connected Services/Contactos/Reference.cs

9.14 Cliente.ContactosAzure.ContactosClient Class Reference

Inheritance diagram for Cliente.ContactosAzure.ContactosClient:



Public Member Functions

- **ContactosClient** (string endpointConfigurationName)
- **ContactosClient** (string endpointConfigurationName, string remoteAddress)
- **ContactosClient** (string endpointConfigurationName, System.ServiceModel.EndpointAddress remote↩ Address)
- **ContactosClient** (System.ServiceModel.Channels.Binding binding, System.ServiceModel.EndpointAddress remoteAddress)
- System.Data.DataSet GetContacto ()
- System.Threading.Tasks.Task< System.Data.DataSet > GetContactoAsync ()
- System.Data.DataSet GetContactoByAtributes (int id, bool nif)
- System.Threading.Tasks.Task< System.Data.DataSet > GetContactoByAtributesAsync (int id, bool nif)
- string AddContacto (int idUtente, int idCaso)
- System.Threading.Tasks.Task< string > AddContactoAsync (int idUtente, int idCaso)

9.14.1 Member Function Documentation

9.14.1.1 AddContacto()

```
string Cliente.ContactosAzure.ContactosClient.AddContacto (
            int idUtente,
            int idCaso )
```

Implements Cliente.ContactosAzure.IContactos.

9.14.1.2 AddContactoAsync()

```
System.Threading.Tasks.Task< string > Cliente.ContactosAzure.ContactosClient.AddContactoAsync
(
            int idUtente,
            int idCaso )
```

Implements Cliente.ContactosAzure.IContactos.

9.14.1.3 GetContacto()

```
System.Data.DataSet Cliente.ContactosAzure.ContactosClient.GetContacto ( )
```

Implements Cliente.ContactosAzure.IContactos.

9.14.1.4 GetContactoAsync()

```
System.Threading.Tasks.Task< System.Data.DataSet > Cliente.ContactosAzure.ContactosClient.↩
GetContactoAsync ( )
```

Implements Cliente.ContactosAzure.IContactos.

9.14.1.5 GetContactoByAtributes()

```
System.Data.DataSet Cliente.ContactosAzure.ContactosClient.GetContactoByAtributes (
            int id,
            bool nif )
```

Implements Cliente.ContactosAzure.IContactos.

9.14.1.6 GetContactoByAtributesAsync()

```
System.Threading.Tasks.Task< System.Data.DataSet > Cliente.ContactosAzure.ContactosClient.↩
GetContactoByAtributesAsync (
            int id,
            bool nif )
```

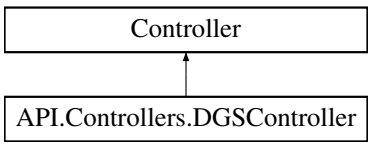
Implements Cliente.ContactosAzure.IContactos.

The documentation for this class was generated from the following file:

- SOAP service/SOAP/Cliente/Connected Services/ContactosAzure/Reference.cs

9.15 API.Controllers.DGSController Class Reference

Inheritance diagram for API.Controllers.DGSController:



Public Member Functions

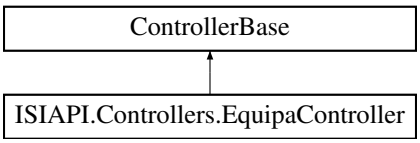
- object **DGS** ()

The documentation for this class was generated from the following file:

- Dashboard/API/Controllers/DGSController.cs

9.16 ISIAPI.Controllers.EquipaController Class Reference

Inheritance diagram for ISIAPI.Controllers.EquipaController:



Public Member Functions

- string GetEquipa ()

  Rota para devolver todas as equipas presentes na base de dados
- string GetEquipaMaisCara ()

  Rota para devolver as 10 equipas mais caras
- string AddEquipa ([FromBody] string equipa)

  Rota para adicionar uma equipa

Public Attributes

- ModeloEquipas **m** = new ModeloEquipas()

9.16.1 Member Function Documentation

9.16.1.1 AddEquipa()

```
string ISIAPI.Controllers.EquipaController.AddEquipa (
            [FromBody] string equipa )
```

Rota para adicionar uma equipa

Parameters

equipa	Recebe uma variavel do tipo json com o nome da equipa a adicionar no formato {"nome": nome}"</param> <returns string="Success"> If reaches end of function. </returns> <returns string="$EXCEPTION$"> If it fails.

9.16.1.2 GetEquipa()

```
string ISIAPI.Controllers.EquipaController.GetEquipa ( )
```

Rota para devolver todas as equipas presentes na base de dados

Returns

If reaches end of function.

If it fails.

9.16.1.3 GetEquipaMaisCara()

```
string ISIAPI.Controllers.EquipaController.GetEquipaMaisCara ( )
```

Rota para devolver as 10 equipas mais caras

Returns

If reaches end of function.

If it fails.

The documentation for this class was generated from the following file:

- REST_API service/ISIAPI/Controllers/EquipaController.cs

9.17 API.Models.EquipaModel Class Reference

Properties

- int **idEquipa** `[getset]`
- string **nome** `[getset]`
- float **total** `[getset]`

The documentation for this class was generated from the following file:

- Dashboard/API/Models/EquipaModel.cs

9.18 ClientRest.EquipaModel Class Reference

Properties

- int **idEquipa** `[getset]`
- string **nome** `[getset]`

The documentation for this class was generated from the following file:

- REST_API service/ClientRest/Form1.cs

9.19 Dashboard.EquipaModel Class Reference

Properties

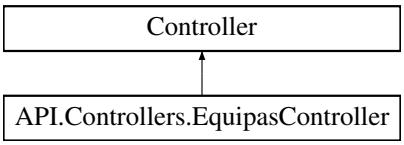
- int **idEquipa** `[getset]`
- string **nome** `[getset]`
- float **total** `[getset]`

The documentation for this class was generated from the following file:

- Dashboard/Dashboard/Form1.cs

9.20 API.Controllers.EquipasController Class Reference

Inheritance diagram for API.Controllers.EquipasController:



Public Member Functions

- object **Equipas** ()
- object **Produtos** ()

The documentation for this class was generated from the following file:

- Dashboard/API/Controllers/EquipasController.cs

9.21 FileConversion.Fiscalizacao Class Reference

Estrutura de Dados de uma Ação de Fiscalização.

Properties

- List< Fiscalizado > **Fiscalizados** `[getset]`

9.21.1 Detailed Description

Estrutura de Dados de uma Ação de Fiscalização.

The documentation for this class was generated from the following file:

- FileConversion/FileConversion/Fiscalizacao.cs

9.22 FileConversion.Fiscalizado Class Reference

Estrutura de Dados dos Fiscalizados (Visitados).

Public Member Functions

- Fiscalizado (string nif, DateTime data, List< Irregularidade > irregularidades)

  Construtor
- **Fiscalizado** ()

  Construtor Vazio.

Properties

- int **IdCivil** `[getset]`
- DateTime **Data** `[getset]`
- List< Irregularidade > **Irregularidades** `[getset]`

9.22.1 Detailed Description

Estrutura de Dados dos Fiscalizados (Visitados).

9.22.2 Constructor & Destructor Documentation

9.22.2.1 Fiscalizado()

```
FileConversion.Fiscalizado.Fiscalizado (
            string nif,
            DateTime data,
            List< Irregularidade > irregularidades )
```

Construtor

Parameters

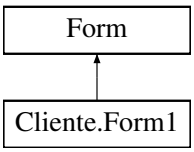
nif	Identificação do Fiscalizado.
data	Momento da Fiscalização.
irregularidades	Irregularidades detetadas na Visita.

The documentation for this class was generated from the following file:

- FileConversion/FileConversion/Fiscalizacao.cs

9.23 Cliente.Form1 Class Reference

Inheritance diagram for Cliente.Form1:



Protected Member Functions

- override void Dispose (bool disposing)

  Limpar os recursos que estão sendo usados.

9.23.1 Member Function Documentation

9.23.1.1 Dispose()

```
override void Cliente.Form1.Dispose (
            bool disposing )  [protected]
```

Limpar os recursos que estão sendo usados.

Parameters

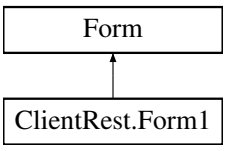
disposing	true se for necessário descartar os recursos gerenciados; caso contrário, false.

The documentation for this class was generated from the following files:

- SOAP service/SOAP/Cliente/Form1.cs
- SOAP service/SOAP/Cliente/Form1.Designer.cs

9.24 ClientRest.Form1 Class Reference

Inheritance diagram for ClientRest.Form1:



Public Member Functions

- **Form1** ()

  Função que inicializa o form

Protected Member Functions

- override void Dispose (bool disposing)

  Clean up any resources being used.

9.24.1 Member Function Documentation

9.24.1.1 Dispose()

```
override void ClientRest.Form1.Dispose (
            bool disposing )  [protected]
```

Clean up any resources being used.

Parameters

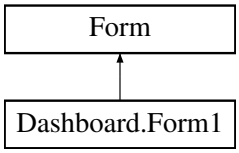
disposing	true if managed resources should be disposed; otherwise, false.

The documentation for this class was generated from the following files:

- REST_API service/ClientRest/Form1.cs
- REST_API service/ClientRest/Form1.Designer.cs

9.25 Dashboard.Form1 Class Reference

Inheritance diagram for Dashboard.Form1:



Protected Member Functions

- override void Dispose (bool disposing)

  Limpar os recursos que estão sendo usados.

Protected Attributes

- SqlConnection **con** = new SqlConnection(server)

Static Protected Attributes

- static string **server** = "Server=.;Database=ISI;Trusted_Connection=True;"

9.25.1 Member Function Documentation

9.25.1.1 Dispose()

```
override void Dashboard.Form1.Dispose (
            bool disposing )  [protected]
```

Limpar os recursos que estão sendo usados.

Parameters

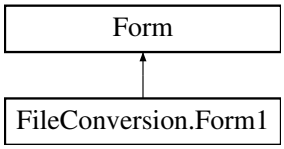
disposing	true se for necessário descartar os recursos gerenciados; caso contrário, false.

The documentation for this class was generated from the following files:

- Dashboard/Dashboard/Form1.cs
- Dashboard/Dashboard/Form1.Designer.cs

9.26 FileConversion.Form1 Class Reference

Inheritance diagram for FileConversion.Form1:



Protected Member Functions

- override void Dispose (bool disposing)

  Clean up any resources being used.

Protected Attributes

- SqlConnection **con** = new SqlConnection(server)

Static Protected Attributes

- static string **server** = ConfigurationManager.ConnectionStrings["ISI"].ConnectionString

9.26.1 Member Function Documentation

9.26.1.1 Dispose()

```
override void FileConversion.Form1.Dispose (
            bool disposing )  [protected]
```

Clean up any resources being used.

Parameters

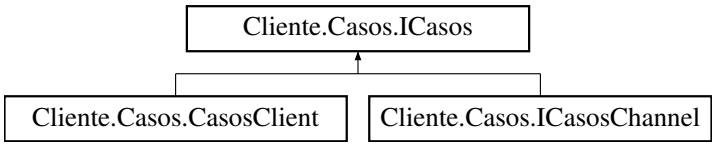
disposing	true if managed resources should be disposed; otherwise, false.

The documentation for this class was generated from the following files:

- FileConversion/FileConversion/Form1.cs
- FileConversion/FileConversion/Form1.Designer.cs

9.27 Cliente.Casos.ICasos Interface Reference

Inheritance diagram for Cliente.Casos.ICasos:



Public Member Functions

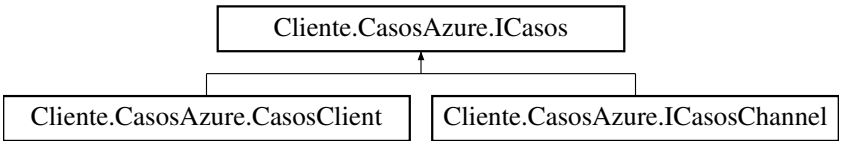
- System.Data.DataSet **GetCasos** ()
- System.Threading.Tasks.Task< System.Data.DataSet > **GetCasosAsync** ()
- System.Data.DataSet **GetCasosByNIF** (int nif)
- System.Threading.Tasks.Task< System.Data.DataSet > **GetCasosByNIFAsync** (int nif)
- System.Data.DataSet **GetCasosByData** (string data)
- System.Threading.Tasks.Task< System.Data.DataSet > **GetCasosByDataAsync** (string data)
- string **AddCasos** (SOAP.ModeloCasos casos)
- System.Threading.Tasks.Task< string > **AddCasosAsync** (SOAP.ModeloCasos casos)

The documentation for this interface was generated from the following file:

- SOAP service/SOAP/Cliente/Connected Services/Casos/Reference.cs

9.28 Cliente.CasosAzure.ICasos Interface Reference

Inheritance diagram for Cliente.CasosAzure.ICasos:



Public Member Functions

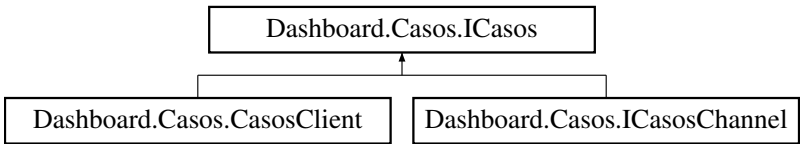
- System.Data.DataSet **GetCasos** ()
- System.Threading.Tasks.Task< System.Data.DataSet > **GetCasosAsync** ()
- System.Data.DataSet **GetCasosByNIF** (int nif)
- System.Threading.Tasks.Task< System.Data.DataSet > **GetCasosByNIFAsync** (int nif)
- System.Data.DataSet **GetCasosByData** (string data)
- System.Threading.Tasks.Task< System.Data.DataSet > **GetCasosByDataAsync** (string data)
- string **AddCasos** (string data, int idUtente)
- System.Threading.Tasks.Task< string > **AddCasosAsync** (string data, int idUtente)

The documentation for this interface was generated from the following file:

- SOAP service/SOAP/Cliente/Connected Services/CasosAzure/Reference.cs

9.29 Dashboard.Casos.ICasos Interface Reference

Inheritance diagram for Dashboard.Casos.ICasos:



Public Member Functions

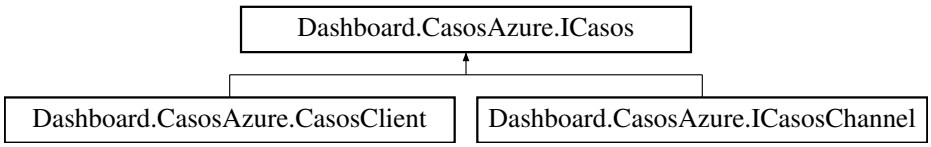
- System.Data.DataSet **GetCasos** ()
- System.Threading.Tasks.Task< System.Data.DataSet > **GetCasosAsync** ()
- System.Data.DataSet **GetCasosByNIF** (int nif)
- System.Threading.Tasks.Task< System.Data.DataSet > **GetCasosByNIFAsync** (int nif)
- System.Data.DataSet **GetCasosByData** (string data)
- System.Threading.Tasks.Task< System.Data.DataSet > **GetCasosByDataAsync** (string data)
- string **AddCasos** (Dashboard.Casos.ModeloCasos casos)
- System.Threading.Tasks.Task< string > **AddCasosAsync** (Dashboard.Casos.ModeloCasos casos)

The documentation for this interface was generated from the following file:

- Dashboard/Dashboard/Connected Services/Casos/Reference.cs

9.30 Dashboard.CasosAzure.ICasos Interface Reference

Inheritance diagram for Dashboard.CasosAzure.ICasos:



Public Member Functions

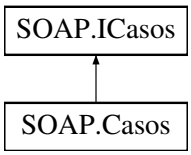
- System.Data.DataSet **GetCasos** ()
- System.Threading.Tasks.Task< System.Data.DataSet > **GetCasosAsync** ()
- System.Data.DataSet **GetCasosByNIF** (int nif)
- System.Threading.Tasks.Task< System.Data.DataSet > **GetCasosByNIFAsync** (int nif)
- System.Data.DataSet **GetCasosByData** (string data)
- System.Threading.Tasks.Task< System.Data.DataSet > **GetCasosByDataAsync** (string data)
- string **AddCasos** (string data, int idUtente)
- System.Threading.Tasks.Task< string > **AddCasosAsync** (string data, int idUtente)

The documentation for this interface was generated from the following file:

- Dashboard/Dashboard/Connected Services/CasosAzure/Reference.cs

9.31 SOAP.ICasos Interface Reference

Inheritance diagram for SOAP.ICasos:



Public Member Functions

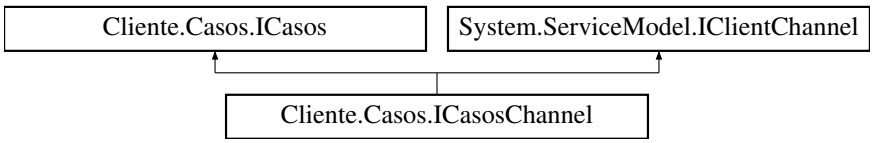
- DataSet **GetCasos** ()
- DataSet **GetCasos** (int nif)
- DataSet **GetCasos** (string data)
- string **AddCasos** (ModeloCasos casos)

The documentation for this interface was generated from the following file:

- SOAP service/SOAP/SOAP/ICasos.cs

9.32 Cliente.Casos.ICasosChannel Interface Reference

Inheritance diagram for Cliente.Casos.ICasosChannel:



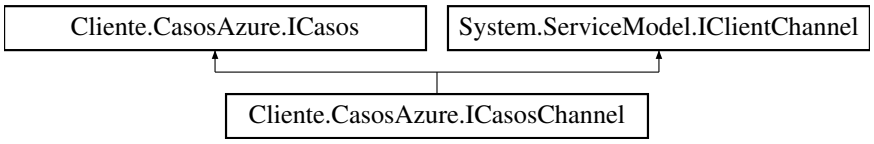
Additional Inherited Members

The documentation for this interface was generated from the following file:

- SOAP service/SOAP/Cliente/Connected Services/Casos/Reference.cs

9.33 Cliente.CasosAzure.ICasosChannel Interface Reference

Inheritance diagram for Cliente.CasosAzure.ICasosChannel:



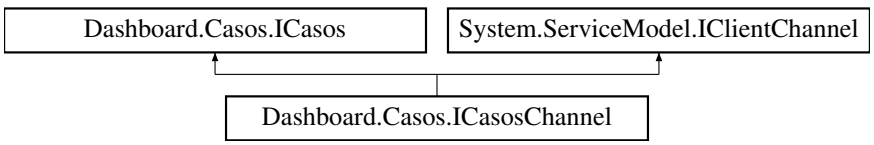
Additional Inherited Members

The documentation for this interface was generated from the following file:

- SOAP service/SOAP/Cliente/Connected Services/CasosAzure/Reference.cs

9.34 Dashboard.Casos.ICasosChannel Interface Reference

Inheritance diagram for Dashboard.Casos.ICasosChannel:



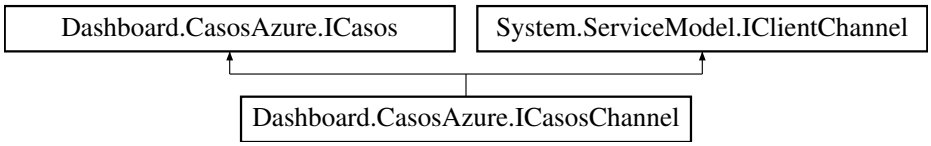
Additional Inherited Members

The documentation for this interface was generated from the following file:

- Dashboard/Dashboard/Connected Services/Casos/Reference.cs

9.35 Dashboard.CasosAzure.ICasosChannel Interface Reference

Inheritance diagram for Dashboard.CasosAzure.ICasosChannel:



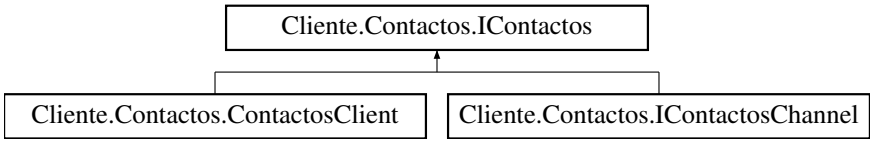
Additional Inherited Members

The documentation for this interface was generated from the following file:

- Dashboard/Dashboard/Connected Services/CasosAzure/Reference.cs

9.36 Cliente.Contactos.IContactos Interface Reference

Inheritance diagram for Cliente.Contactos.IContactos:



Public Member Functions

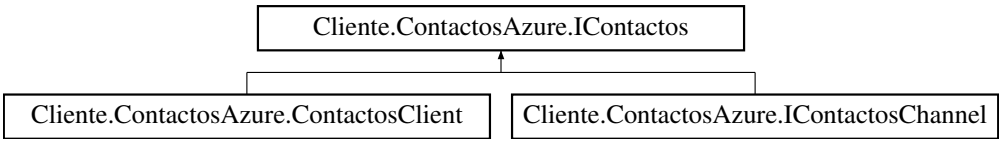
- System.Data.DataSet **GetContacto** ()
- System.Threading.Tasks.Task< System.Data.DataSet > **GetContactoAsync** ()
- System.Data.DataSet **GetContactoByAtributes** (int id, bool nif)
- System.Threading.Tasks.Task< System.Data.DataSet > **GetContactoByAtributesAsync** (int id, bool nif)
- string **AddContacto** (SOAP.ModeloContactos contacto)
- System.Threading.Tasks.Task< string > **AddContactoAsync** (SOAP.ModeloContactos contacto)

The documentation for this interface was generated from the following file:

- SOAP service/SOAP/Cliente/Connected Services/Contactos/Reference.cs

9.37 Cliente.ContactosAzure.IContactos Interface Reference

Inheritance diagram for Cliente.ContactosAzure.IContactos:



Public Member Functions

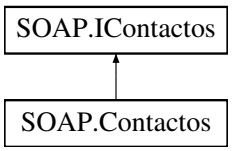
- System.Data.DataSet **GetContacto** ()
- System.Threading.Tasks.Task< System.Data.DataSet > **GetContactoAsync** ()
- System.Data.DataSet **GetContactoByAtributes** (int id, bool nif)
- System.Threading.Tasks.Task< System.Data.DataSet > **GetContactoByAtributesAsync** (int id, bool nif)
- string **AddContacto** (int idUtente, int idCaso)
- System.Threading.Tasks.Task< string > **AddContactoAsync** (int idUtente, int idCaso)

The documentation for this interface was generated from the following file:

- SOAP service/SOAP/Cliente/Connected Services/ContactosAzure/Reference.cs

9.38 SOAP.IContactos Interface Reference

Inheritance diagram for SOAP.IContactos:



Public Member Functions

- DataSet GetContacto ()
- DataSet GetContacto (int id, bool nif)
- string AddContacto (ModeloContactos contacto)

9.38.1 Member Function Documentation

9.38.1.1 AddContacto()

```
string SOAP.IContactos.AddContacto (
            ModeloContactos contacto )
```

Implemented in SOAP.Contactos.

9.38.1.2 GetContacto() [1/2]

```
DataSet SOAP.IContactos.GetContacto ( )
```

Implemented in SOAP.Contactos.

9.38.1.3 GetContacto() [2/2]

```
DataSet SOAP.IContactos.GetContacto (
            int id,
            bool nif )
```

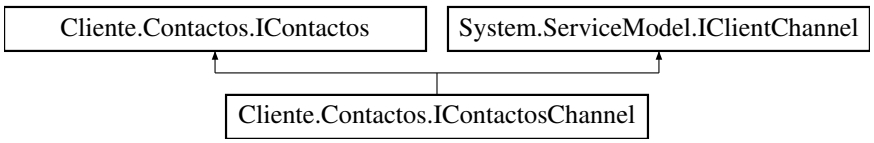
Implemented in SOAP.Contactos.

The documentation for this interface was generated from the following file:

- SOAP service/SOAP/SOAP/IContactos.cs

9.39 Cliente.Contactos.IContactosChannel Interface Reference

Inheritance diagram for Cliente.Contactos.IContactosChannel:



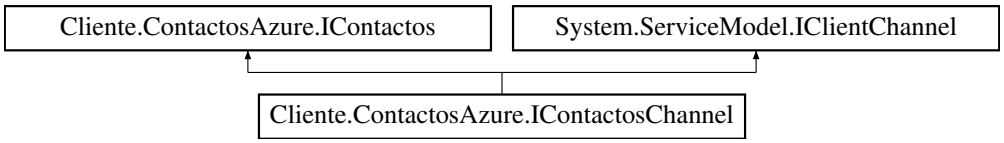
Additional Inherited Members

The documentation for this interface was generated from the following file:

- SOAP service/SOAP/Cliente/Connected Services/Contactos/Reference.cs

9.40 Cliente.ContactosAzure.IContactosChannel Interface Reference

Inheritance diagram for Cliente.ContactosAzure.IContactosChannel:



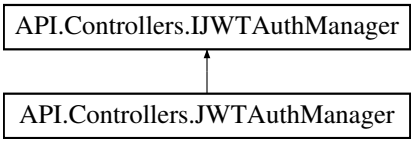
Additional Inherited Members

The documentation for this interface was generated from the following file:

- SOAP service/SOAP/Cliente/Connected Services/ContactosAzure/Reference.cs

9.41 API.Controllers.IJWTAuthManager Interface Reference

Inheritance diagram for API.Controllers.IJWTAuthManager:



Public Member Functions

- AuthResponse Authenticate (AuthRequest loginDetails)

  Várias possibilidades de autenticação Podem ser criadas mais!
- AuthResponse Authenticate (string username, Claim[ ] claims)

9.41.1 Member Function Documentation

9.41.1.1 Authenticate() [1/2]

```
AuthResponse API.Controllers.IJWTAuthManager.Authenticate (
            AuthRequest loginDetails )
```

Várias possibilidades de autenticação Podem ser criadas mais!

Parameters

loginDetails	

Returns

Implemented in API.Controllers.JWTAuthManager.

9.41.1.2 Authenticate() [2/2]

```
AuthResponse API.Controllers.IJWTAuthManager.Authenticate (
            string username,
            Claim[] claims )
```

Implemented in API.Controllers.JWTAuthManager.

The documentation for this interface was generated from the following file:

- Dashboard/API/Controllers/JWTAuthManager .cs

9.42 FileConversion.Irregularidade Class Reference

Estrutura de Dados de Irregularidades detetadas em cada Visita.

Properties

- string **Descricao** [getset]

9.42.1 Detailed Description

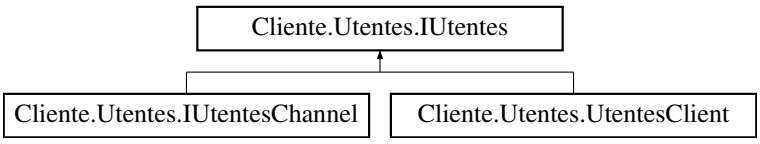
Estrutura de Dados de Irregularidades detetadas em cada Visita.

The documentation for this class was generated from the following file:

- FileConversion/FileConversion/Fiscalizacao.cs

9.43 Cliente.Utentes.IUtentes Interface Reference

Inheritance diagram for Cliente.Utentes.IUtentes:



Public Member Functions

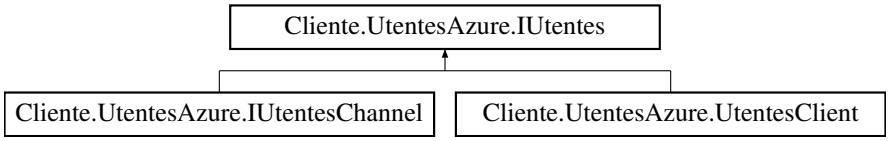
- System.Data.DataSet **GetUtentes** ()
- System.Threading.Tasks.Task< System.Data.DataSet > **GetUtentesAsync** ()
- System.Data.DataSet **GetUtentesByNIF** (int nif)
- System.Threading.Tasks.Task< System.Data.DataSet > **GetUtentesByNIFAsync** (int nif)
- System.Data.DataSet **GetUtentesByNome** (string nome)
- System.Threading.Tasks.Task< System.Data.DataSet > **GetUtentesByNomeAsync** (string nome)
- string **AddUtentes** (SOAP.ModeloUtente utente)
- System.Threading.Tasks.Task< string > **AddUtentesAsync** (SOAP.ModeloUtente utente)

The documentation for this interface was generated from the following file:

- SOAP service/SOAP/Cliente/Connected Services/Utentes/Reference.cs

9.44 Cliente.UtentesAzure.IUtentes Interface Reference

Inheritance diagram for Cliente.UtentesAzure.IUtentes:



Public Member Functions

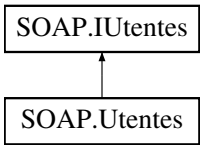
- System.Data.DataSet **GetUtentes** ()
- System.Threading.Tasks.Task< System.Data.DataSet > **GetUtentesAsync** ()
- System.Data.DataSet **GetUtentesByNIF** (int nif)
- System.Threading.Tasks.Task< System.Data.DataSet > **GetUtentesByNIFAsync** (int nif)
- System.Data.DataSet **GetUtentesByNome** (string nome)
- System.Threading.Tasks.Task< System.Data.DataSet > **GetUtentesByNomeAsync** (string nome)
- string **AddUtentes** (int idUtente, string nome)
- System.Threading.Tasks.Task< string > **AddUtentesAsync** (int idUtente, string nome)

The documentation for this interface was generated from the following file:

- SOAP service/SOAP/Cliente/Connected Services/UtentesAzure/Reference.cs

9.45 SOAP.IUtentes Interface Reference

Inheritance diagram for SOAP.IUtentes:



Public Member Functions

- DataSet GetUtentes ()
- DataSet GetUtentes (int nif)
- DataSet GetUtentes (string nome)
- string AddUtentes (ModeloUtente utente)

9.45.1 Member Function Documentation

9.45.1.1 AddUtentes()

```
string SOAP.IUtentes.AddUtentes (
            ModeloUtente utente )
```

Implemented in SOAP.Utentes.

9.45.1.2 GetUtentes() [1/3]

```
DataSet SOAP.IUtentes.GetUtentes ( )
```

Implemented in SOAP.Utentes.

9.45.1.3 GetUtentes() [2/3]

```
DataSet SOAP.IUtentes.GetUtentes (
            int nif )
```

Implemented in SOAP.Utentes.

9.45.1.4 GetUtentes() [3/3]

```
DataSet SOAP.IUtentes.GetUtentes (
            string nome )
```

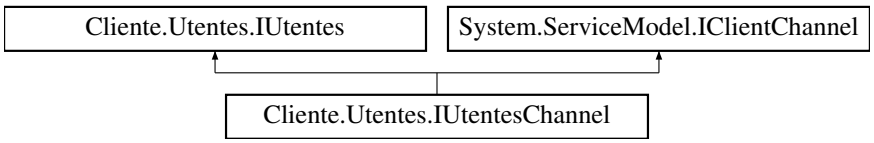
Implemented in SOAP.Utentes.

The documentation for this interface was generated from the following file:

- SOAP service/SOAP/SOAP/IUtentes.cs

9.46 Cliente.Utentes.IUtentesChannel Interface Reference

Inheritance diagram for Cliente.Utentes.IUtentesChannel:



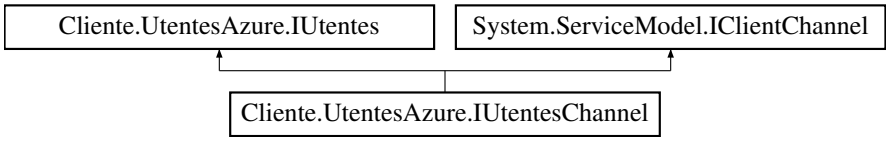
Additional Inherited Members

The documentation for this interface was generated from the following file:

- SOAP service/SOAP/Cliente/Connected Services/Utentes/Reference.cs

9.47 Cliente.UtentesAzure.IUtentesChannel Interface Reference

Inheritance diagram for Cliente.UtentesAzure.IUtentesChannel:



Additional Inherited Members

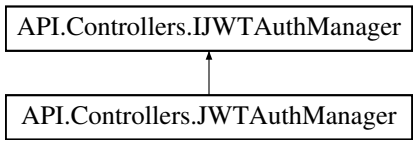
The documentation for this interface was generated from the following file:

- SOAP service/SOAP/Cliente/Connected Services/UtentesAzure/Reference.cs

9.48 API.Controllers.JWTAuthManager Class Reference

Classe auxiliar para gerir Autenticação e JWT

Inheritance diagram for API.Controllers.JWTAuthManager:



Public Member Functions

- JWTAuthManager (IConfiguration Configuration)

  instanciado em startup.cs: services.AddSingleton<IConfiguration>(Configuration)
- JWTAuthManager (string tokenKey)

  Gere Token
- AuthResponse Authenticate (string username, Claim[ ] claims)

  h1: Autenticar com Claims
- AuthResponse Authenticate (AuthRequest loginDetails)

  h2:Autenticar sem Claims mas apenas com login/password

9.48.1 Detailed Description

Classe auxiliar para gerir Autenticação e JWT

9.48.2 Constructor & Destructor Documentation

9.48.2.1 JWTAuthManager() [1/2]

```
API.Controllers.JWTAuthManager.JWTAuthManager (
            IConfiguration Configuration )
```

instanciado em startup.cs: services.AddSingleton<IConfiguration>(Configuration)

Parameters

Configuration	

9.48.2.2 JWTAuthManager() [2/2]

```
API.Controllers.JWTAuthManager.JWTAuthManager (
            string tokenKey )
```

Gere Token

Parameters

tokenKey	

9.48.3 Member Function Documentation

9.48.3.1 Authenticate() [1/2]

```
AuthResponse API.Controllers.JWTAuthManager.Authenticate (
            AuthRequest loginDetails )
```

h2:Autenticar sem Claims mas apenas com login/password

Parameters

username	
password	

Returns

Implements API.Controllers.IJWTAuthManager.

9.48.3.2 Authenticate() [2/2]

```
AuthResponse API.Controllers.JWTAuthManager.Authenticate (
            string username,
            Claim[] claims )
```

h1: Autenticar com Claims

Parameters

username	
claims	

Returns

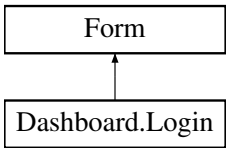
Implements API.Controllers.IJWTAuthManager.

The documentation for this class was generated from the following file:

- Dashboard/API/Controllers/JWTAuthManager .cs

9.49 Dashboard.Login Class Reference

Inheritance diagram for Dashboard.Login:



Protected Member Functions

- override void Dispose (bool disposing)

  Clean up any resources being used.

9.49.1 Member Function Documentation

9.49.1.1 Dispose()

```
override void Dashboard.Login.Dispose (
            bool disposing )  [protected]
```

Clean up any resources being used.

Parameters

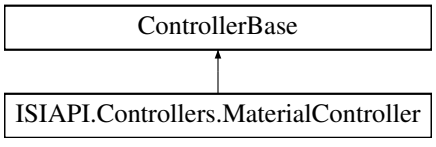
disposing	true if managed resources should be disposed; otherwise, false.

The documentation for this class was generated from the following files:

- Dashboard/Dashboard/Login.cs
- Dashboard/Dashboard/Login.Designer.cs

9.50 ISIAPI.Controllers.MaterialController Class Reference

Inheritance diagram for ISIAPI.Controllers.MaterialController:



Public Member Functions

- string GetMateriais ()

  Rota para devolver todos os materiais presentes na base de dados
- string GetMaterialMaisUsado ()

  Rota para devolver os 5 materiais presentes em mais requisições
- string AddMaterial ([FromBody] string material)

  Rota para adicionar um novo material

Public Attributes

- ModeloMateriais **m** = new ModeloMateriais()

9.50.1 Member Function Documentation

9.50.1.1 AddMaterial()

```
string ISIAPI.Controllers.MaterialController.AddMaterial (
            [FromBody] string material )
```

Rota para adicionar um novo material

Parameters

material	recebe uma variável do tipo json no formato {"nome":nome, "custo":custo}

Returns

If reaches end of function.

If it fails.

9.50.1.2 GetMateriais()

```
string ISIAPI.Controllers.MaterialController.GetMateriais ( )
```

Rota para devolver todos os materiais presentes na base de dados

Returns

If reaches end of function.

If it fails.

9.50.1.3 GetMaterialMaisUsado()

```
string ISIAPI.Controllers.MaterialController.GetMaterialMaisUsado ( )
```

Rota para devolver os 5 materiais presentes em mais requisições

Returns

If reaches end of function.

If it fails.

The documentation for this class was generated from the following file:

- REST_API service/ISIAPI/Controllers/MaterialController.cs

9.51 API.Models.MaterialModel Class Reference

Properties

- int **idMaterial** `[getset]`
- string **nome** `[getset]`
- int **total** `[getset]`

The documentation for this class was generated from the following file:

- Dashboard/API/Models/MaterialModel.cs

9.52 ClientRest.MaterialModel Class Reference

Properties

- int **idMaterial** `[getset]`
- string **nome** `[getset]`
- float **custo** `[getset]`

The documentation for this class was generated from the following file:

- REST_API service/ClientRest/Form1.cs

9.53 Dashboard.MaterialModel Class Reference

Properties

- int **idMaterial** `[getset]`
- string **nome** `[getset]`
- int **total** `[getset]`

The documentation for this class was generated from the following file:

- Dashboard/Dashboard/Form1.cs

9.54 ISIAPI.Controllers.RequisicaoMaterialController.MaterialPara↩ Requisicao Class Reference

Properties

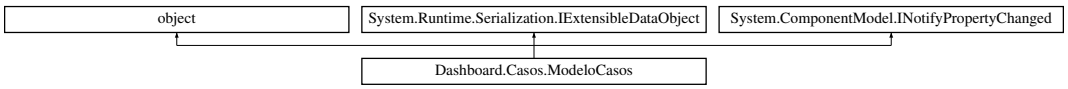
- int **idMaterial** `[getset]`
- int **qtd** `[getset]`

The documentation for this class was generated from the following file:

- REST_API service/ISIAPI/Controllers/RequisicaoMaterialController.cs

9.55 Dashboard.Casos.ModeloCasos Class Reference

Inheritance diagram for Dashboard.Casos.ModeloCasos:



Protected Member Functions

- void **RaisePropertyChanged** (string propertyName)

Properties

- System.Runtime.Serialization.ExtensionDataObject **ExtensionData** `[getset]`
- string **Data** `[getset]`
- int **Nif** `[getset]`

Events

- System.ComponentModel.PropertyChangedEventHandler **PropertyChanged**

The documentation for this class was generated from the following file:

- Dashboard/Dashboard/Connected Services/Casos/Reference.cs

9.56 SOAP.ModeloCasos Class Reference

Public Member Functions

- **ModeloCasos** (string data, int nif)
- override string **ToString** ()

Properties

- string **Data** `[getset]`
- int **Nif** `[getset]`

The documentation for this class was generated from the following file:

- SOAP service/SOAP/SOAP/ICasos.cs

9.57 SOAP.ModeloContactos Class Reference

Public Member Functions

- **ModeloContactos** (int idcaso, int nif)
- override string **ToString** ()

Properties

- int **IdCaso** `[getset]`
- int **Nif** `[getset]`

The documentation for this class was generated from the following file:

- SOAP service/SOAP/SOAP/IContactos.cs

9.58 ISIAPI.ModeloEquipa Class Reference

Properties

- int **Id** `[getset]`
- string **Nome** `[getset]`

The documentation for this class was generated from the following file:

- REST_API service/ISIAPI/Model/ModeloEquipa.cs

9.59 ISIAPI.ModeloEquipas Class Reference

Public Member Functions

- string GetAllEquipas ()

  Obter todos os materiais através da base de dados
- string AddEquipa (ModeloEquipa s)

  Adicionar uma equipa à base de dados
- string GetEquipaMaisCara ()

  Obter as 10 equipas cujo total de preços de requisições é o mais elevado

Properties

- List< ModeloEquipa > **Equipas** [get]

9.59.1 Member Function Documentation

9.59.1.1 AddEquipa()

```
string ISIAPI.ModeloEquipas.AddEquipa (
            ModeloEquipa s )
```

Adicionar uma equipa à base de dados

recebe uma variavel do tipo ModeloEquipa

Returns

If reaches end of function.

If it fails.

9.59.1.2 GetAllEquipas()

```
string ISIAPI.ModeloEquipas.GetAllEquipas ( )
```

Obter todos os materiais através da base de dados

Returns

If reaches end of function.

If it fails.

9.59.1.3 GetEquipaMaisCara()

```
string ISIAPI.ModeloEquipas.GetEquipaMaisCara ( )
```

Obter as 10 equipas cujo total de preços de requisições é o mais elevado

Returns

If reaches end of function.

If it fails.

The documentation for this class was generated from the following file:

- REST_API service/ISIAPI/Model/ModeloEquipa.cs

9.60 ISIAPI.ModeloMateriais Class Reference

Public Member Functions

- string GetAllMateriais ()

  Obter todos os materiais através da base de dados
- string GetMaterialMaisUsado ()

  Obter os materiais mais usados em requisições através de uma query à base de dados
- string AddMaterial (ModeloMaterial s)

  Adicionar um material à base de dados

Properties

- List< ModeloMaterial > **Materiais** `[get]`

9.60.1 Member Function Documentation

9.60.1.1 AddMaterial()

```
string ISIAPI.ModeloMateriais.AddMaterial (
            ModeloMaterial s )
```

Adicionar um material à base de dados

recebe uma variável do tipo ModeloMaterial

Returns

If reaches end of function. returns the id of the material

If it fails.

9.60.1.2 GetAllMateriais()

```
string ISIAPI.ModeloMateriais.GetAllMateriais ( )
```

Obter todos os materiais através da base de dados

Returns

If reaches end of function.

If it fails.

9.60.1.3 GetMaterialMaisUsado()

```
string ISIAPI.ModeloMateriais.GetMaterialMaisUsado ( )
```

Obter os materiais mais usados em requisições através de uma query à base de dados

Returns

If reaches end of function.

If it fails.

The documentation for this class was generated from the following file:

- REST_API service/ISIAPI/Model/ModeloMaterial.cs

9.61 ISIAPI.ModeloMaterial Class Reference

Properties

- int **Id** `[getset]`
- string **Nome** `[getset]`
- float **Custo** `[getset]`

The documentation for this class was generated from the following file:

- REST_API service/ISIAPI/Model/ModeloMaterial.cs

9.62 ISIAPI.ModeloRequisicao Class Reference

Properties

- int **Id** `[getset]`
- bool **Entregue** `[getset]`
- int **IdEquipa** `[getset]`

The documentation for this class was generated from the following file:

- REST_API service/ISIAPI/Model/ModeloRequisicao.cs

9.63 ISIAPI.ModeloRequisicaoMaterial Class Reference

Properties

- int **Id** `[getset]`
- int **IdMaterial** `[getset]`
- int **IdRequisicao** `[getset]`
- int **Qtd** `[getset]`

The documentation for this class was generated from the following file:

- REST_API service/ISIAPI/Model/ModeloRequisicaoMaterial.cs

9.64 ISIAPI.ModeloRequisicoes Class Reference

Public Member Functions

- string GetAllRequisicoes ()

  Obter todas as requisições através da base de dados
- string AddRequisicao (ModeloRequisicao s)

  Adicionar uma equipa através da base de dados
- string GetRequisicaoByEquipa (int idEquipa)

  Obter todas as requisicoes de uma equipa
- string UpdateRequisicao (int idRequisicao)

  Fazer update do valor "entregue" de uma requisição

Properties

- List< ModeloRequisicao > **Requisicoes** `[get]`

9.64.1 Member Function Documentation

9.64.1.1 AddRequisicao()

```
string ISIAPI.ModeloRequisicoes.AddRequisicao (
            ModeloRequisicao s )
```

Adicionar uma equipa através da base de dados

recebe uma variável do tipo ModeloRequisicao

Returns

If reaches end of function.

If it fails.

9.64.1.2 GetAllRequisicoes()

```
string ISIAPI.ModeloRequisicoes.GetAllRequisicoes ( )
```

Obter todas as requisições através da base de dados

Returns

If reaches end of function.

If it fails.

9.64.1.3 GetRequisicaoByEquipa()

```
string ISIAPI.ModeloRequisicoes.GetRequisicaoByEquipa (
            int idEquipa )
```

Obter todas as requisicoes de uma equipa

recebe uma variavel do tipo int para o idEquipa que quer procurar na base de dados

Returns

If reaches end of function.

If it fails.

9.64.1.4 UpdateRequisicao()

```
string ISIAPI.ModeloRequisicoes.UpdateRequisicao (
            int idRequisicao )
```

Fazer update do valor "entregue" de uma requisição

recebe uma variavel int com o id da requisicao a fazer update

Returns

If reaches end of function.

If it fails.

The documentation for this class was generated from the following file:

- REST_API service/ISIAPI/Model/ModeloRequisicao.cs

9.65 ISIAPI.ModeloRequisicoesMateriais Class Reference

Public Member Functions

- string GetAllRequisicoesMateriais ()

  Obter todas as requisições de materiais através da base de dados
- string AddRequisicaoMaterial (ModeloRequisicaoMaterial s)

  Adicionar uma RequisicãoMaterial
- string GetRequisicaoMaterialByRequisicaoEquipa (int idRequisicao)

  Devolver materiais para uma requisicao efetuada por uma equipa

Properties

- List< ModeloRequisicaoMaterial > **RequisicoesMateriais** `[get]`

9.65.1 Member Function Documentation

9.65.1.1 AddRequisicaoMaterial()

```
string ISIAPI.ModeloRequisicoesMateriais.AddRequisicaoMaterial (
            ModeloRequisicaoMaterial s )
```

Adicionar uma RequisicãoMaterial

recebe uma variável do tipo ModeloRequisicaoMaterial

Returns

If reaches end of function.

If it fails.

9.65.1.2 GetAllRequisicoesMateriais()

```
string ISIAPI.ModeloRequisicoesMateriais.GetAllRequisicoesMateriais ( )
```

Obter todas as requisições de materiais através da base de dados

Returns

If reaches end of function.

If it fails.

9.65.1.3 GetRequisicaoMaterialByRequisicaoEquipa()

```
string ISIAPI.ModeloRequisicoesMateriais.GetRequisicaoMaterialByRequisicaoEquipa (
            int idRequisicao )
```

Devolver materiais para uma requisicao efetuada por uma equipa

recebe uma variavel do tipo int referente ao id da equipa

Returns

If reaches end of function.

If it fails.

The documentation for this class was generated from the following file:

- REST_API service/ISIAPI/Model/ModeloRequisicaoMaterial.cs

9.66 SOAP.ModeloUtente Class Reference

Public Member Functions

- **ModeloUtente** (string nome, int nif)
- override string **ToString** ()

Properties

- string **Nome** `[getset]`
- int **Nif** `[getset]`

The documentation for this class was generated from the following file:

- SOAP service/SOAP/SOAP/IUtentes.cs

9.67 API.Program Class Reference

Static Public Member Functions

- static void **Main** (string[ ] args)
- static IHostBuilder **CreateHostBuilder** (string[ ] args)

The documentation for this class was generated from the following file:

- Dashboard/API/Program.cs

9.68 ISIAPI.Program Class Reference

Static Public Member Functions

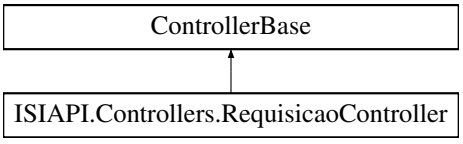
- static void **Main** (string[ ] args)
- static IHostBuilder **CreateHostBuilder** (string[ ] args)

The documentation for this class was generated from the following file:

- REST_API service/ISIAPI/Program.cs

9.69 ISIAPI.Controllers.RequisicaoController Class Reference

Inheritance diagram for ISIAPI.Controllers.RequisicaoController:



Public Member Functions

- string GetRequisicoes ()

  Rota para devolver todas as requisições presentes na base de dados
- string AddRequisicao (string requisicao)

  Rota para adicionar uma requisicao
- string GetRequisicaoByEquipca (int idEquipa)

  Rota para devolver as requisições de uma equipa
- string UpdateRequisicaoEntregue (int idRequisicao)

  Rota para dar update ao estado de entregue de uma requisição

Public Attributes

- ModeloRequisicoes **m** = new ModeloRequisicoes()

9.69.1 Member Function Documentation

9.69.1.1 AddRequisicao()

```
string ISIAPI.Controllers.RequisicaoController.AddRequisicao (
            string requisicao )
```

Rota para adicionar uma requisicao

Parameters

requisicao	recebe uma variavel tipo json no formato {"idEquipa":id, "entregue":(true or false)}

Returns

If reaches end of function.

If it fails.

9.69.1.2 GetRequisicaoByEquipca()

```
string ISIAPI.Controllers.RequisicaoController.GetRequisicaoByEquipca (
            int idEquipa )
```

Rota para devolver as requisições de uma equipa

Parameters

idEquipa	recebe o id da equipa na rota

Returns

If reaches end of function.

If it fails.

9.69.1.3 GetRequisicoes()

```
string ISIAPI.Controllers.RequisicaoController.GetRequisicoes ( )
```

Rota para devolver todas as requisições presentes na base de dados

Returns

If reaches end of function.

If it fails.

9.69.1.4 UpdateRequisicaoEntregue()

```
string ISIAPI.Controllers.RequisicaoController.UpdateRequisicaoEntregue (
            int idRequisicao )
```

Rota para dar update ao estado de entregue de uma requisição

Parameters

idRequisicao	Recebe o id da Requisição na rota

Returns

If reaches end of function.

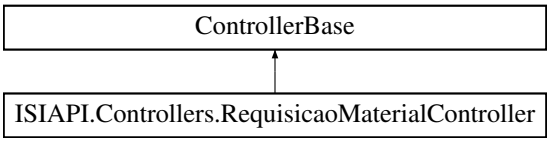
If it fails.

The documentation for this class was generated from the following file:

- REST_API service/ISIAPI/Controllers/RequisicaoController.cs

9.70 ISIAPI.Controllers.RequisicaoMaterialController Class Reference

Inheritance diagram for ISIAPI.Controllers.RequisicaoMaterialController:



Classes

- class MaterialParaRequisicao

Public Member Functions

- string GetRequisisoesMateriais ()

  Rota para devolver todas as RequisicoesMateriais
- string AddRequisicaoMaterial (string requisicaoMaterial)

  Rota para adicionar uma RequisicaoMaterial
- string GetRequisicaoMaterialbyRequisicaoEquipa (int idRequisicao)

  Rota para obter os materiais de uma requisicao
- string AddRequisicaoMaterial (int idEquipa,[FromBody]JsonElement body)

  Rota para adicionar uma requisicaoMaterial

Public Attributes

- ModeloRequisicoesMateriais **m** = new ModeloRequisicoesMateriais()
- ModeloRequisicoes **r** = new ModeloRequisicoes()

9.70.1 Member Function Documentation

9.70.1.1 AddRequisicaoMaterial() [1/2]

```
string ISIAPI.Controllers.RequisicaoMaterialController.AddRequisicaoMaterial (
            int idEquipa,
            [FromBody] JsonElement body )
```

Rota para adicionar uma requisicaoMaterial

Parameters

idEquipa	recebe o id da equipa através da rota
body	recebe uma variavel do tipo json no formato {{"idMaterial":id, "qtd":qtd},{"idMaterial":id, "qtd":qtd},...} para cada material a adicionar

Returns

If reaches end of function.

If it fails.

9.70.1.2 AddRequisicaoMaterial() [2/2]

```
string ISIAPI.Controllers.RequisicaoMaterialController.AddRequisicaoMaterial (
            string requisicaoMaterial )
```

Rota para adicionar uma RequisicaoMaterial

Parameters

requisicaoMaterial	recebe uma variavel do tipo json no formato {"idMaterial":idMaterial,"idRequisicao":idRequisicao,"qtd":qtd}

Returns

If reaches end of function.

If it fails.

9.70.1.3 GetRequisicaoMaterialbyRequisicaoEquipa()

```
string ISIAPI.Controllers.RequisicaoMaterialController.GetRequisicaoMaterialbyRequisicaoEquipa
(
            int idRequisicao )
```

Rota para obter os materiais de uma requisicao

Parameters

idRequisicao	recebe o id da requisição através da rota

Returns

If reaches end of function.

If it fails.

9.70.1.4 GetRequisisoesMateriais()

```
string ISIAPI.Controllers.RequisicaoMaterialController.GetRequisisoesMateriais ( )
```

Rota para devolver todas as RequisicoesMateriais

Returns

If reaches end of function.

If it fails.

The documentation for this class was generated from the following file:

- REST_API service/ISIAPI/Controllers/RequisicaoMaterialController.cs

9.71 ClientRest.RequisicaoMaterialModel Class Reference

Properties

- int **idRequsicao** `[getset]`
- int **idMaterial** `[getset]`
- string **nome** `[getset]`
- float **custo** `[getset]`
- int **qtd** `[getset]`

The documentation for this class was generated from the following file:

- REST_API service/ClientRest/Form1.cs

9.72 ClientRest.RequisicaoModel Class Reference

Properties

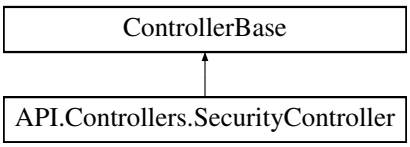
- int **idRequisicao** `[getset]`
- bool **entregue** `[getset]`
- int **idEquipa** `[getset]`

The documentation for this class was generated from the following file:

- REST_API service/ClientRest/Form1.cs

9.73 API.Controllers.SecurityController Class Reference

Inheritance diagram for API.Controllers.SecurityController:



Public Member Functions

- **SecurityController** (IJWTAuthManager jWTAuthManager)
- AuthResponse Login (AuthRequest loginDetalhes)

  Método para Autenticação...não protegido!
- bool **Authenticated** ()

9.73.1 Member Function Documentation

9.73.1.1 Login()

```
AuthResponse API.Controllers.SecurityController.Login (
            AuthRequest loginDetalhes )
```

Método para Autenticação...não protegido!

Parameters

loginDetalhes	

Returns

The documentation for this class was generated from the following file:

- Dashboard/API/Controllers/SecurityController.cs

9.74 API.Startup Class Reference

Public Member Functions

- **Startup** (IConfiguration configuration)
- void **ConfigureServices** (IServiceCollection services)
- void **Configure** (IApplicationBuilder app, IWebHostEnvironment env)

Properties

- IConfiguration **Configuration** `[get]`

The documentation for this class was generated from the following file:

- Dashboard/API/Startup.cs

9.75 ISIAPI.Startup Class Reference

Public Member Functions

- **Startup** (IConfiguration configuration)
- void **ConfigureServices** (IServiceCollection services)
- void **Configure** (IApplicationBuilder app, IWebHostEnvironment env)

Properties

- IConfiguration **Configuration** `[get]`

The documentation for this class was generated from the following file:

- REST_API service/ISIAPI/Startup.cs

9.76 API.Models.User Class Reference

Public Member Functions

- **User** (string name, string pass, string token, Roles r)

Properties

- string **Name** `[getset]`
- string **UserName** `[getset]`
- string **EmailAddress** `[getset]`
- string **Pass** `[getset]`
- int **Id** `[getset]`
- Roles **Role** `[getset]`
- string **Token** `[getset]`

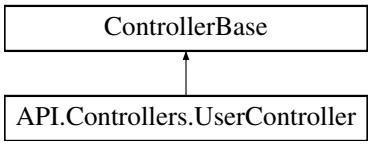
The documentation for this class was generated from the following file:

- Dashboard/API/Models/User.cs

9.77 API.Controllers.UserController Class Reference

Gestor de Autenticações - Authentication Manager

Inheritance diagram for API.Controllers.UserController:



Public Member Functions

- ActionResult< IEnumerable< string > > **GetAll** ()
- ActionResult< User > **Get** (int id)
- ActionResult< bool > **Post** (User u)
- ActionResult< bool > **ChangePass** (string name,[FromBody] string passwd)
- ActionResult< bool > **Put** (User u)
- ActionResult< bool > **Delete** (int id)

9.77.1 Detailed Description

Gestor de Autenticações - Authentication Manager

The documentation for this class was generated from the following file:

- Dashboard/API/Controllers/UserController.cs

9.78 API.Models.Users Class Reference

Static Public Attributes

- static List< User > users

9.78.1 Member Data Documentation

9.78.1.1 users

```
List<User> API.Models.Users.users  [static]
```

Initial value:

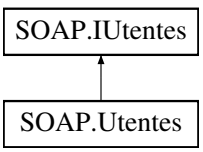
```
= new List<User>
        {
            new User {
                Id=1,
                UserName = "Admin",
                EmailAddress = "reader1001@me.com",
                Role = Roles.Admin
            },
            new User {
                Id = 2,
                UserName = "Reader",
                EmailAddress = "reader1002@me.com",
                Role = Roles.Reader
            },
            new User {
                Id = 3,
                UserName = "Editor",
                EmailAddress = "reader1003@me.com",
                Role = Roles.Editor
            },
            new User {
                Id = 4,
                UserName = "User",
                EmailAddress = "reader1004@me.com",
                Role = Roles.User
            }
        }
```

The documentation for this class was generated from the following file:

- Dashboard/API/Models/User.cs

9.79 SOAP.Utentes Class Reference

Inheritance diagram for SOAP.Utentes:



Public Member Functions

- DataSet GetUtentes ()

  Selects Utentes.
- DataSet GetUtentes (int nif)

  Selects Utentes with matching nif (idutente).
- DataSet GetUtentes (string nome)

  Selects Utentes with matching nome.
- string AddUtentes (ModeloUtente utente)

  Add Utentes to Database.

Protected Attributes

- SqlConnection **con** = new SqlConnection(server)

Static Protected Attributes

- static string **server** = ConfigurationManager.ConnectionStrings["ISI"].ConnectionString

9.79.1 Member Function Documentation

9.79.1.1 AddUtentes()

```
string SOAP.Utentes.AddUtentes (
            ModeloUtente utente )
```

Add Utentes to Database.

Parameters

idUtente	
nome	

Returns

On successful INSERT.

On error or conflict. Returns Type and Message.

Implements SOAP.IUtentes.

9.79.1.2 GetUtentes() [1/3]

```
DataSet SOAP.Utentes.GetUtentes ( )
```

Selects Utentes.

Returns

All Utentes From Table.

Implements SOAP.IUtentes.

9.79.1.3 GetUtentes() [2/3]

```
DataSet SOAP.Utentes.GetUtentes (
            int nif )
```

Selects Utentes with matching nif (idutente).

Parameters

nif	Primary Key on Database table.

Returns

Matching Table Rows.

Implements SOAP.IUtentes.

9.79.1.4 GetUtentes() [3/3]

```
DataSet SOAP.Utentes.GetUtentes (
            string nome )
```

Selects Utentes with matching nome.

Parameters

nome	Filtering Condition.

Returns

Matching Table Rows.

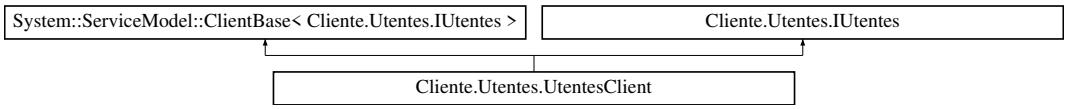
Implements SOAP.IUtentes.

The documentation for this class was generated from the following file:

- SOAP service/SOAP/SOAP/Utentes.svc.cs

9.80 Cliente.Utentes.UtentesClient Class Reference

Inheritance diagram for Cliente.Utentes.UtentesClient:



Public Member Functions

- **UtentesClient** (string endpointConfigurationName)
- **UtentesClient** (string endpointConfigurationName, string remoteAddress)
- **UtentesClient** (string endpointConfigurationName, System.ServiceModel.EndpointAddress remoteAddress)
- **UtentesClient** (System.ServiceModel.Channels.Binding binding, System.ServiceModel.EndpointAddress remoteAddress)
- System.Data.DataSet GetUtentes ()
- System.Threading.Tasks.Task< System.Data.DataSet > GetUtentesAsync ()
- System.Data.DataSet GetUtentesByNIF (int nif)
- System.Threading.Tasks.Task< System.Data.DataSet > GetUtentesByNIFAsync (int nif)
- System.Data.DataSet GetUtentesByNome (string nome)
- System.Threading.Tasks.Task< System.Data.DataSet > GetUtentesByNomeAsync (string nome)
- string AddUtentes (SOAP.ModeloUtente utente)
- System.Threading.Tasks.Task< string > AddUtentesAsync (SOAP.ModeloUtente utente)

9.80.1 Member Function Documentation

9.80.1.1 AddUtentes()

```
string Cliente.Utentes.UtentesClient.AddUtentes (
            SOAP.ModeloUtente utente )
```

Implements Cliente.Utentes.IUtentes.

9.80.1.2 AddUtentesAsync()

```
System.Threading.Tasks.Task< string > Cliente.Utentes.UtentesClient.AddUtentesAsync (
            SOAP.ModeloUtente utente )
```

Implements Cliente.Utentes.IUtentes.

9.80.1.3 GetUtentes()

```
System.Data.DataSet Cliente.Utentes.UtentesClient.GetUtentes ( )
```

Implements Cliente.Utentes.IUtentes.

9.80.1.4 GetUtentesAsync()

```
System.Threading.Tasks.Task< System.Data.DataSet > Cliente.Utentes.UtentesClient.GetUtentes↩
Async ( )
```

Implements Cliente.Utentes.IUtentes.

9.80.1.5 GetUtentesByNIF()

```
System.Data.DataSet Cliente.Utentes.UtentesClient.GetUtentesByNIF (
            int nif )
```

Implements Cliente.Utentes.IUtentes.

9.80.1.6 GetUtentesByNIFAsync()

```
System.Threading.Tasks.Task< System.Data.DataSet > Cliente.Utentes.UtentesClient.GetUtentes↩
ByNIFAsync (
            int nif )
```

Implements Cliente.Utentes.IUtentes.

9.80.1.7 GetUtentesByNome()

```
System.Data.DataSet Cliente.Utentes.UtentesClient.GetUtentesByNome (
            string nome )
```

Implements Cliente.Utentes.IUtentes.

9.80.1.8 GetUtentesByNomeAsync()

```
System.Threading.Tasks.Task< System.Data.DataSet > Cliente.Utentes.UtentesClient.GetUtentes↩
ByNomeAsync (
            string nome )
```

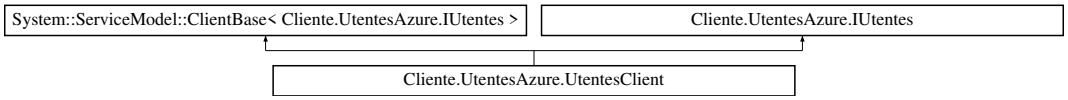
Implements Cliente.Utentes.IUtentes.

The documentation for this class was generated from the following file:

- SOAP service/SOAP/Cliente/Connected Services/Utentes/Reference.cs

9.81 Cliente.UtentesAzure.UtentesClient Class Reference

Inheritance diagram for Cliente.UtentesAzure.UtentesClient:



Public Member Functions

- **UtentesClient** (string endpointConfigurationName)
- **UtentesClient** (string endpointConfigurationName, string remoteAddress)
- **UtentesClient** (string endpointConfigurationName, System.ServiceModel.EndpointAddress remoteAddress)
- **UtentesClient** (System.ServiceModel.Channels.Binding binding, System.ServiceModel.EndpointAddress remoteAddress)
- System.Data.DataSet GetUtentes ()
- System.Threading.Tasks.Task< System.Data.DataSet > GetUtentesAsync ()
- System.Data.DataSet GetUtentesByNIF (int nif)
- System.Threading.Tasks.Task< System.Data.DataSet > GetUtentesByNIFAsync (int nif)
- System.Data.DataSet GetUtentesByNome (string nome)
- System.Threading.Tasks.Task< System.Data.DataSet > GetUtentesByNomeAsync (string nome)
- string AddUtentes (int idUtente, string nome)
- System.Threading.Tasks.Task< string > AddUtentesAsync (int idUtente, string nome)

9.81.1 Member Function Documentation

9.81.1.1 AddUtentes()

```
string Cliente.UtentesAzure.UtentesClient.AddUtentes (
            int idUtente,
            string nome )
```

Implements Cliente.UtentesAzure.IUtentes.

9.81.1.2 AddUtentesAsync()

```
System.Threading.Tasks.Task< string > Cliente.UtentesAzure.UtentesClient.AddUtentesAsync (
            int idUtente,
            string nome )
```

Implements Cliente.UtentesAzure.IUtentes.

9.81.1.3 GetUtentes()

```
System.Data.DataSet Cliente.UtentesAzure.UtentesClient.GetUtentes ( )
```

Implements Cliente.UtentesAzure.IUtentes.

9.81.1.4 GetUtentesAsync()

```
System.Threading.Tasks.Task< System.Data.DataSet > Cliente.UtentesAzure.UtentesClient.Get↩
UtentesAsync ( )
```

Implements Cliente.UtentesAzure.IUtentes.

9.81.1.5 GetUtentesByNIF()

```
System.Data.DataSet Cliente.UtentesAzure.UtentesClient.GetUtentesByNIF (
            int nif )
```

Implements Cliente.UtentesAzure.IUtentes.

9.81.1.6 GetUtentesByNIFAsync()

```
System.Threading.Tasks.Task< System.Data.DataSet > Cliente.UtentesAzure.UtentesClient.Get↩
UtentesByNIFAsync (
            int nif )
```

Implements Cliente.UtentesAzure.IUtentes.

9.81.1.7 GetUtentesByNome()

```
System.Data.DataSet Cliente.UtentesAzure.UtentesClient.GetUtentesByNome (
            string nome )
```

Implements Cliente.UtentesAzure.IUtentes.

9.81.1.8 GetUtentesByNomeAsync()

```
System.Threading.Tasks.Task< System.Data.DataSet > Cliente.UtentesAzure.UtentesClient.Get↩
UtentesByNomeAsync (
            string nome )
```

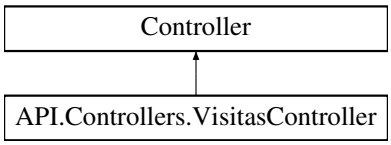
Implements Cliente.UtentesAzure.IUtentes.

The documentation for this class was generated from the following file:

- SOAP service/SOAP/Cliente/Connected Services/UtentesAzure/Reference.cs

9.82 API.Controllers.VisitasController Class Reference

Inheritance diagram for API.Controllers.VisitasController:



Public Member Functions

- object **Visitas** ()

Protected Attributes

- SqlConnection **con** = new SqlConnection(server)

Static Protected Attributes

- static string **server** = "Server=.;Database=ISI;Trusted_Connection=True;"

The documentation for this class was generated from the following file:

- Dashboard/API/Controllers/VisitasController.cs

9.83 ISIAPI.WeatherForecast Class Reference

Properties

- DateTime **Date** `[getset]`
- int **TemperatureC** `[getset]`
- int **TemperatureF** `[get]`
- string **Summary** `[getset]`

The documentation for this class was generated from the following file:

- REST_API service/ISIAPI/WeatherForecast.cs

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