DAMP

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Chapter 1

Namespace Index

1.1 Packages

Here are the packages with brief descriptions (if available):

DampServer 9

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Hierarchical Index

2.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

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Chapter 3

Class Index

3.1 Class List

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DampServer.Connection . . . 18
DampServer.ConnectionManager . . . 19
DampServer.Database . . . 21
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File Index

4.1 File List

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Chapter 5

Namespace Documentation

5.1 Package DampServer

Classes

- class Archivement
- class ChatCommand
- class ChatXmlResponse
- class CommandNotFoundException
- class Connection
- class ConnectionManager
- class Database
- class DownloadCommand
- class ErrorXmlResponse
- class Game
- class GameHandler
- class Http

  A class to handle all HTTP communication.
- interface ICommandArgument
- class InvalidFileHashException
- class InvalidHttpRequestException
- interface IServerCommand
- class LiveCommand
- class Logger
- class LoginCommand
- class Program
- class RequestProcessor

  RequestProcessor Constructor.
- class SocketHandler
- class StatusXmlResponse
- class UploadGameCommand
- class User
- class UserCommands
- class UserManagement
- class UserNotFoundException
- class XmlResponse

Enumerations

- enum LogLevel { Minor, Normal, Critical }

5.1.1 Enumeration Type Documentation

5.1.1.1 enum DampServer.LogLevel

Enumerator

Minor

Normal

Critical

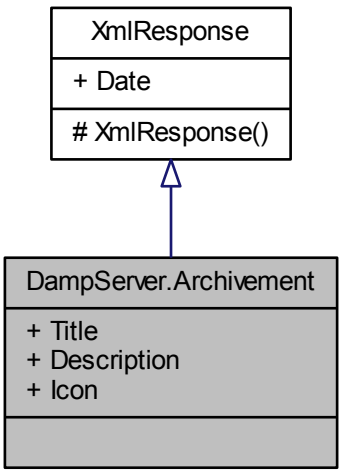
Definition at line 26 of file Log.cs.

Chapter 6

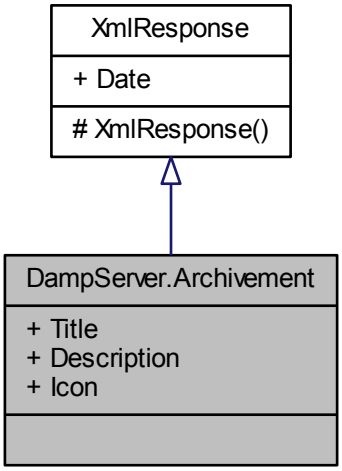
Class Documentation

6.1 DampServer.Archivement Class Reference

Inheritance diagram for DampServer.Archivement:



Collaboration diagram for DampServer.Archivement:



Properties

- string Title `[get, set]`
- string Description `[get, set]`
- string Icon `[get, set]`

Additional Inherited Members

6.1.1 Detailed Description

Definition at line 4 of file Archivement.cs.

6.1.2 Property Documentation

6.1.2.1 string DampServer.Archivement.Description `[get],[set]`

Definition at line 7 of file Archivement.cs.

6.1.2.2 string DampServer.Archivement.Icon `[get],[set]`

Definition at line 8 of file Archivement.cs.

6.1.2.3 string DampServer.Archivement.Title `[get],[set]`

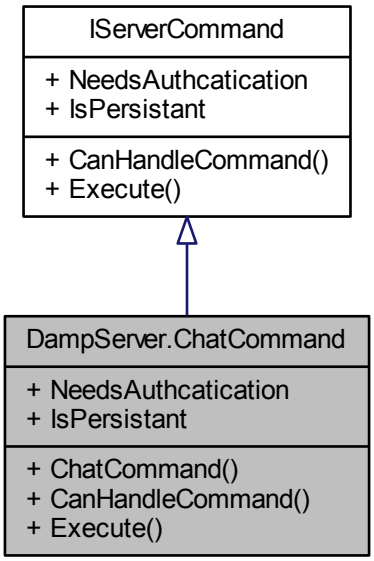
Definition at line 6 of file Archivement.cs.

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

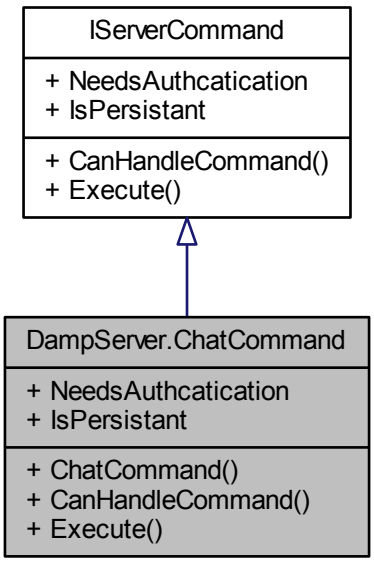
- DampServer/Archivement.cs

6.2 DampServer.ChatCommand Class Reference

Inheritance diagram for DampServer.ChatCommand:



Collaboration diagram for DampServer.ChatCommand:



Public Member Functions

- ChatCommand ()
- bool CanHandleCommand (string s)
- void Execute (ICommandArgument http, string cmd=null)

Properties

- bool NeedsAuthcatication `[get, set]`
- bool IsPersistant `[get, set]`

6.2.1 Detailed Description

Definition at line 9 of file ChatCommand.cs.

6.2.2 Constructor & Destructor Documentation

6.2.2.1 DampServer.ChatCommand.ChatCommand ( )

Definition at line 11 of file ChatCommand.cs.

6.2.3 Member Function Documentation

6.2.3.1 bool DampServer.ChatCommand.CanHandleCommand (string *s*)

Implements DampServer.IServerCommand.

Definition at line 17 of file ChatCommand.cs.

6.2.3.2 void DampServer.ChatCommand.Execute (ICommandArgument *http*, string *cmd* = `null`)

Implements DampServer.IServerCommand.

Definition at line 22 of file ChatCommand.cs.

6.2.4 Property Documentation

6.2.4.1 bool DampServer.ChatCommand.IsPersistant `[get],[set]`

Definition at line 72 of file ChatCommand.cs.

6.2.4.2 bool DampServer.ChatCommand.NeedsAuthcatication `[get],[set]`

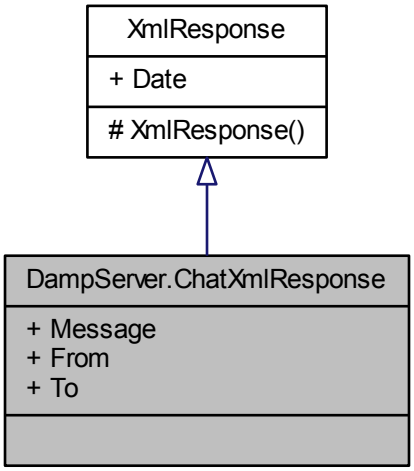
Definition at line 71 of file ChatCommand.cs.

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

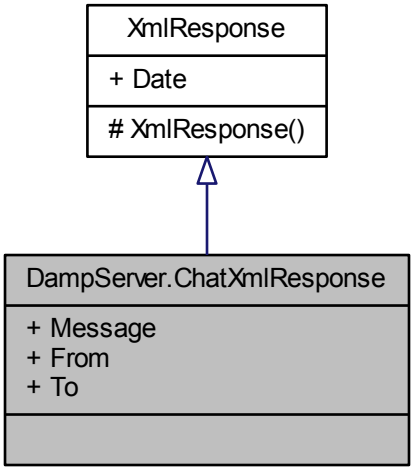
- DampServer/ChatCommand.cs

6.3 DampServer.ChatXmlResponse Class Reference

Inheritance diagram for DampServer.ChatXmlResponse:



Collaboration diagram for DampServer.ChatXmlResponse:



Properties

- string Message [get, set]
- string From [get, set]
- string To [get, set]

Additional Inherited Members

6.3.1 Detailed Description

Definition at line 10 of file ChatXmlResponse.cs.

6.3.2 Property Documentation

6.3.2.1 string DampServer.ChatXmlResponse.From [get], [set]

Definition at line 13 of file ChatXmlResponse.cs.

6.3.2.2 string DampServer.ChatXmlResponse.Message [get], [set]

Definition at line 12 of file ChatXmlResponse.cs.

6.3.2.3 string DampServer.ChatXmlResponse.To [get], [set]

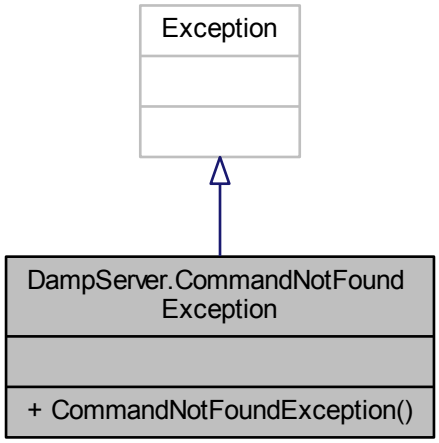
Definition at line 14 of file ChatXmlResponse.cs.

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

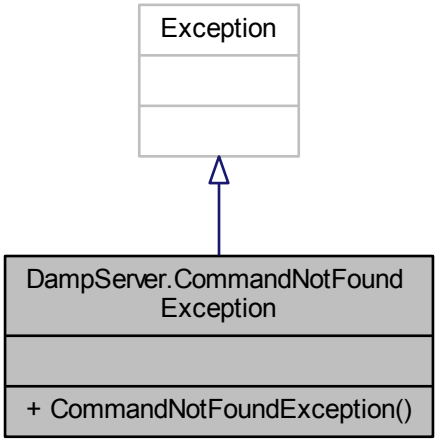
- DampServer/ChatXmlResponse.cs

6.4 DampServer.CommandNotFoundException Class Reference

Inheritance diagram for DampServer.CommandNotFoundException:



Collaboration diagram for DampServer.CommandNotFoundException:



Public Member Functions

- CommandNotFoundException (string cmd)

6.4.1 Detailed Description

Definition at line 5 of file CommandNotFoundException.cs.

6.4.2 Constructor & Destructor Documentation

6.4.2.1 DampServer.CommandNotFoundException.CommandNotFoundException (string *cmd*)

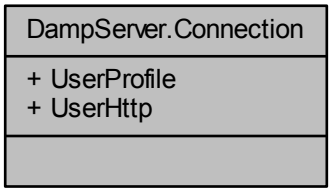
Definition at line 7 of file CommandNotFoundException.cs.

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

- DampServer/CommandNotFoundException.cs

6.5 DampServer.Connection Class Reference

Collaboration diagram for DampServer.Connection:



Properties

- User UserProfile `[get, set]`
- ICommandArgument UserHttp `[get, set]`

6.5.1 Detailed Description

Definition at line 3 of file Connection.cs.

6.5.2 Property Documentation

6.5.2.1 ICommandArgument DampServer.Connection.UserHttp `[get],[set]`

Definition at line 6 of file Connection.cs.

6.5.2.2 User DampServer.Connection.UserProfile `[get],[set]`

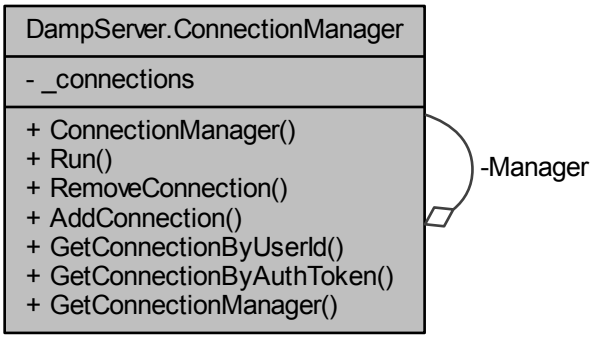
Definition at line 5 of file Connection.cs.

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

- DampServer/Connection.cs

6.6 DampServer.ConnectionManager Class Reference

Collaboration diagram for DampServer.ConnectionManager:



Public Member Functions

- ConnectionManager ()
- void Run ()
- void RemoveConnection (Connection con)
- void AddConnection (Connection con)
- Connection GetConnectionByUserId (int userid)
- Connection GetConnectionByAuthToken (string authToken)

Static Public Member Functions

- static ConnectionManager GetConnectionManager ()

Private Attributes

- readonly List< Connection > _connections = new List<Connection>()

Static Private Attributes

- static readonly ConnectionManager Manager = new ConnectionManager()

6.6.1 Detailed Description

Definition at line 14 of file ConnectionManager.cs.

6.6.2 Constructor & Destructor Documentation

6.6.2.1 DampServer.ConnectionManager.ConnectionManager ( )

Definition at line 19 of file ConnectionManager.cs.

6.6.3 Member Function Documentation

6.6.3.1 void DampServer.ConnectionManager.AddConnection (Connection *con*)

Definition at line 63 of file ConnectionManager.cs.

6.6.3.2 Connection DampServer.ConnectionManager.GetConnectionByAuthToken (string *authToken*)

Definition at line 74 of file ConnectionManager.cs.

6.6.3.3 Connection DampServer.ConnectionManager.GetConnectionByUserId (int *userid*)

Definition at line 69 of file ConnectionManager.cs.

6.6.3.4 static ConnectionManager DampServer.ConnectionManager.GetConnectionManager ( ) [static]

Definition at line 53 of file ConnectionManager.cs.

6.6.3.5 void DampServer.ConnectionManager.RemoveConnection (Connection *con*)

Definition at line 58 of file ConnectionManager.cs.

6.6.3.6 void DampServer.ConnectionManager.Run ( )

Definition at line 25 of file ConnectionManager.cs.

6.6.4 Member Data Documentation

6.6.4.1 readonly List<Connection> DampServer.ConnectionManager._connections = new List<Connection>() [private]

Definition at line 17 of file ConnectionManager.cs.

6.6.4.2 readonly ConnectionManager DampServer.ConnectionManager.Manager = new ConnectionManager() [static], [private]

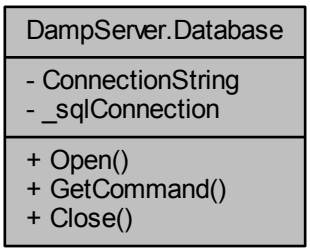
Definition at line 16 of file ConnectionManager.cs.

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

- DampServer/ConnectionManager.cs

6.7 DampServer.Database Class Reference

Collaboration diagram for DampServer.Database:



Public Member Functions

- bool Open ()
- SqlCommand GetCommand ()
- void Close ()

Private Attributes

- const string ConnectionString
- readonly SqlConnection _sqlConnection = new SqlConnection(ConnectionString)

6.7.1 Detailed Description

Definition at line 11 of file Database.cs.

6.7.2 Member Function Documentation

6.7.2.1 void DampServer.Database.Close ( )

Definition at line 42 of file Database.cs.

6.7.2.2 SqlCommand DampServer.Database.GetCommand ( )

Definition at line 36 of file Database.cs.

6.7.2.3 bool DampServer.Database.Open ( )

Definition at line 18 of file Database.cs.

6.7.3 Member Data Documentation

6.7.3.1 readonly SqlConnection DampServer.Database._sqlConnection = new SqlConnection(ConnectionString) [private]

Definition at line 16 of file Database.cs.

6.7.3.2 const string DampServer.Database.ConnectionString [private]

Initial value:

```
=
            "data source=localhost\\SQLEXPRESS;initial catalog=Damp;user id=root;password=3Password"
```

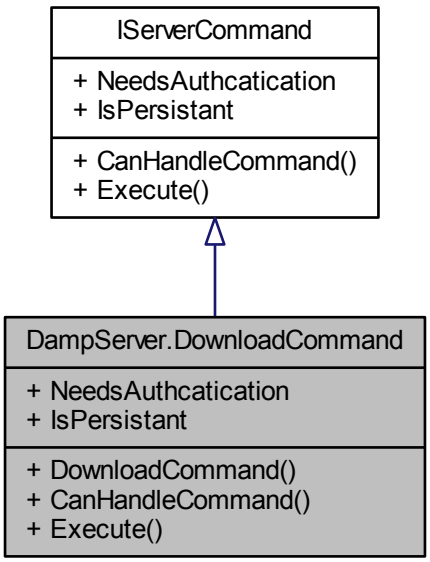
Definition at line 13 of file Database.cs.

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

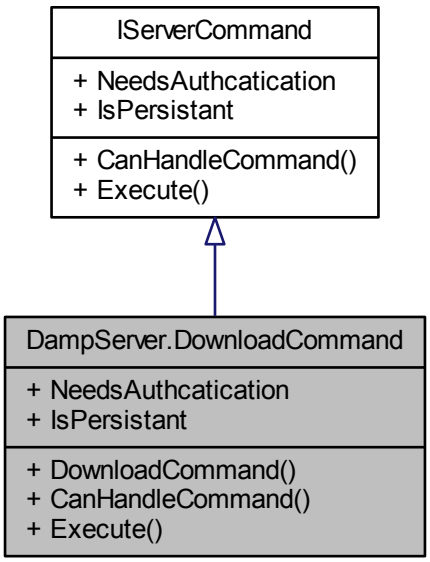
- DampServer/Database.cs

6.8 DampServer.DownloadCommand Class Reference

Inheritance diagram for DampServer.DownloadCommand:



Collaboration diagram for DampServer.DownloadCommand:



Public Member Functions

- DownloadCommand ()
- bool CanHandleCommand (string cmd)
- void Execute (ICommandArgument http, string cmd=null)

Properties

- bool NeedsAuthcatication `[get, set]`
- bool IsPersistant `[get, set]`

6.8.1 Detailed Description

Definition at line 3 of file DownloadCommand.cs.

6.8.2 Constructor & Destructor Documentation

6.8.2.1 DampServer.DownloadCommand.DownloadCommand ( )

Definition at line 5 of file DownloadCommand.cs.

6.8.3 Member Function Documentation

6.8.3.1 bool DampServer.DownloadCommand.CanHandleCommand (string *cmd*)

Implements DampServer.IServerCommand.

Definition at line 11 of file DownloadCommand.cs.

6.8.3.2 void DampServer.DownloadCommand.Execute (ICommandArgument *http,* string *cmd* = `null`)

Implements DampServer.IServerCommand.

Definition at line 16 of file DownloadCommand.cs.

6.8.4 Property Documentation

6.8.4.1 bool DampServer.DownloadCommand.IsPersistant `[get],[set]`

Definition at line 22 of file DownloadCommand.cs.

6.8.4.2 bool DampServer.DownloadCommand.NeedsAuthcatication `[get],[set]`

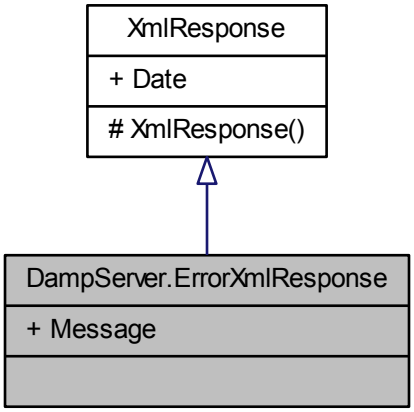
Definition at line 21 of file DownloadCommand.cs.

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

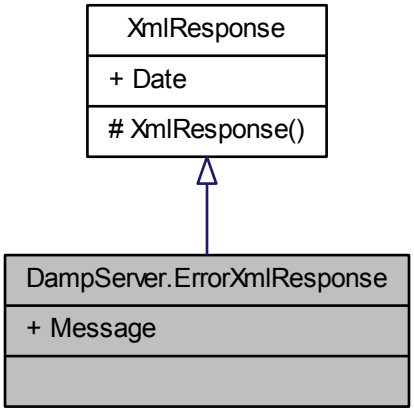
- DampServer/DownloadCommand.cs

6.9 DampServer.ErrorXmlResponse Class Reference

Inheritance diagram for DampServer.ErrorXmlResponse:



Collaboration diagram for DampServer.ErrorXmlResponse:



Properties

- string Message [get, set]

Additional Inherited Members

6.9.1 Detailed Description

Definition at line 10 of file ErrorXmlResponse.cs.

6.9.2 Property Documentation

6.9.2.1 string DampServer.ErrorXmlResponse.Message [get],[set]

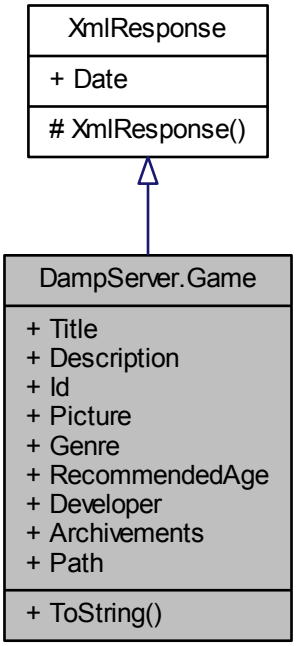
Definition at line 12 of file ErrorXmlResponse.cs.

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

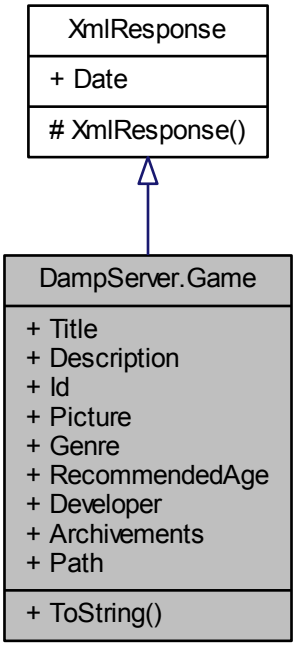
- DampServer/ErrorXmlResponse.cs

6.10 DampServer.Game Class Reference

Inheritance diagram for DampServer.Game:



Collaboration diagram for DampServer.Game:



Public Member Functions

- override string ToString ()

Properties

- string Title [get, set]
- string Description [get, set]
- long Id [get, set]
- string Picture [get, set]
- string Genre [get, set]
- int RecommendedAge [get, set]
- string Developer [get, set]
- List< Archivement > Archivements [get, set]
- string Path [get, set]

Additional Inherited Members

6.10.1 Detailed Description

Definition at line 6 of file Game.cs.

6.10.2 Member Function Documentation

6.10.2.1 override string DampServer.Game.ToString ( )

Definition at line 18 of file Game.cs.

6.10.3 Property Documentation

6.10.3.1 List<Archivement> DampServer.Game.Archivements [get], [set]

Definition at line 15 of file Game.cs.

6.10.3.2 string DampServer.Game.Description [get], [set]

Definition at line 9 of file Game.cs.

6.10.3.3 string DampServer.Game.Developer [get], [set]

Definition at line 14 of file Game.cs.

6.10.3.4 string DampServer.Game.Genre [get], [set]

Definition at line 12 of file Game.cs.

6.10.3.5 long DampServer.Game.Id [get], [set]

Definition at line 10 of file Game.cs.

6.10.3.6 string DampServer.Game.Path [get], [set]

Definition at line 16 of file Game.cs.

6.10.3.7 string DampServer.Game.Picture [get], [set]

Definition at line 11 of file Game.cs.

6.10.3.8 int DampServer.Game.RecommendedAge [get], [set]

Definition at line 13 of file Game.cs.

6.10.3.9 string DampServer.Game.Title [get], [set]

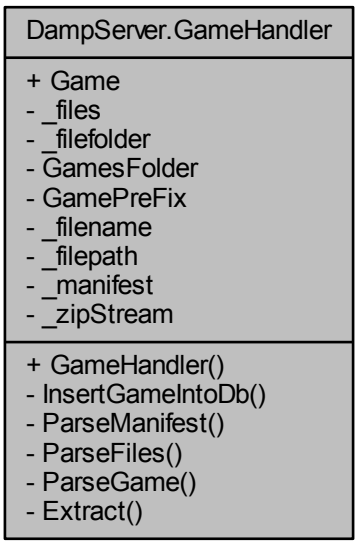
Definition at line 8 of file Game.cs.

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

- DampServer/Game.cs

6.11 DampServer.GameHandler Class Reference

Collaboration diagram for DampServer.GameHandler:



Public Member Functions

- GameHandler (string file_)

Properties

- Game Game `[get, set]`

Private Member Functions

- void InsertGameIntoDb (Game game)
- void ParseManifest (ZipEntry entry)
- bool ParseFiles (XmlElement xmlElement)
- Game ParseGame (XmlElement element)
- void Extract (string file)

Private Attributes

- readonly List< ZipEntry > _files = new List<ZipEntry>()
- readonly string _filefolder
- const string GamesFolder = "Games/"
- const string GamePreFix = "TmpGames/"
- readonly string _filename
- readonly string _filepath
- readonly ZipEntry _manifest
- ZipInputStream _zipStream

6.11.1 Detailed Description

Definition at line 16 of file GameHandler.cs.

6.11.2 Constructor & Destructor Documentation

6.11.2.1 DampServer.GameHandler.GameHandler (string *file_*)

Definition at line 28 of file GameHandler.cs.

6.11.3 Member Function Documentation

6.11.3.1 void DampServer.GameHandler.Extract (string *file*) [private]

Definition at line 174 of file GameHandler.cs.

6.11.3.2 void DampServer.GameHandler.InsertGameIntoDb (Game *game*) [private]

Definition at line 98 of file GameHandler.cs.

6.11.3.3 bool DampServer.GameHandler.ParseFiles (XmlElement *xmlElement*) [private]

Definition at line 141 of file GameHandler.cs.

6.11.3.4 Game DampServer.GameHandler.ParseGame (XmlElement *element*) [private]

Definition at line 164 of file GameHandler.cs.

6.11.3.5 void DampServer.GameHandler.ParseManifest (ZipEntry *entry*) [private]

Definition at line 118 of file GameHandler.cs.

6.11.4 Member Data Documentation

6.11.4.1 readonly string DampServer.GameHandler._filefolder [private]

Definition at line 20 of file GameHandler.cs.

6.11.4.2 readonly string DampServer.GameHandler._filename [private]

Definition at line 23 of file GameHandler.cs.

6.11.4.3 readonly string DampServer.GameHandler._filepath [private]

Definition at line 24 of file GameHandler.cs.

6.11.4.4 readonly List<ZipEntry> DampServer.GameHandler._files = new List<ZipEntry>() [private]

Definition at line 19 of file GameHandler.cs.

6.11.4.5 readonly ZipEntry DampServer.GameHandler._manifest [private]

Definition at line 25 of file GameHandler.cs.

6.11.4.6 ZipInputStream DampServer.GameHandler._zipStream [private]

Definition at line 26 of file GameHandler.cs.

6.11.4.7 const string DampServer.GameHandler.GamePreFix = "TmpGames/" [private]

Definition at line 22 of file GameHandler.cs.

6.11.4.8 const string DampServer.GameHandler.GamesFolder = "Games/" [private]

Definition at line 21 of file GameHandler.cs.

6.11.5 Property Documentation

6.11.5.1 Game DampServer.GameHandler.Game [get], [set]

Definition at line 18 of file GameHandler.cs.

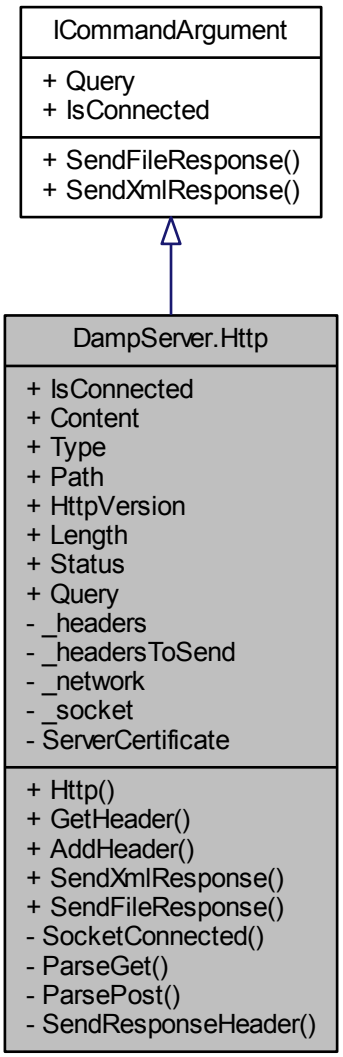
The documentation for this class was generated from the following file:

- DampServer/GameHandler.cs

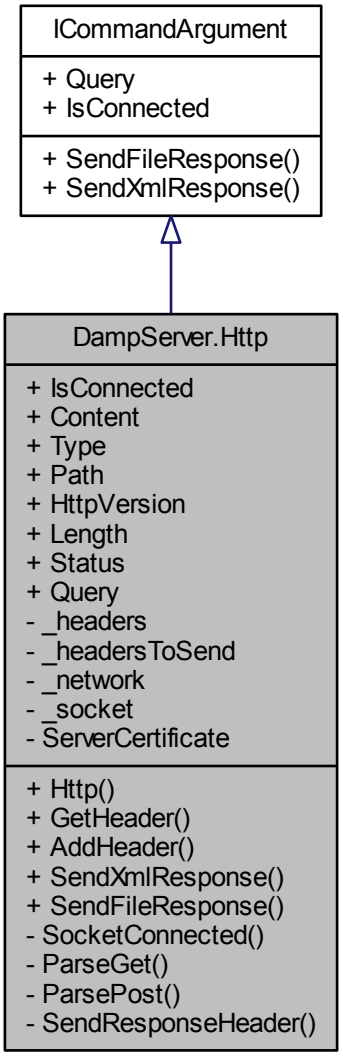
6.12 DampServer.Http Class Reference

A class to handle all HTTP communication.

Inheritance diagram for DampServer.Http:



Collaboration diagram for DampServer.Http:



Public Member Functions

- Http (TcpClient s)

  Constructor.
- string GetHeader (string key)

  Method to get a HTTP Header.
- void AddHeader (string name, string value)

  Method to add a HTTP header to the HTTP response.
- void SendXmlResponse (XmlResponse obj)

  method to send a XML response object to the client
- void SendFileResponse (string filename)

  send a file to the client

Properties

- bool IsConnected `[get]`

  The property display if the client is connected to the HTTP/TCP Socket.
- Byte[] Content `[get, set]`
- string Type `[get, set]`
- string Path `[get, set]`
- string HttpVersion `[get, set]`
- long Length `[get, set]`
- string Status `[get, set]`
- NameValueCollection Query `[get, set]`

Private Member Functions

- bool SocketConnected (Socket s)
- void ParseGet ()

  private method to parse HTTP GET requests
- void ParsePost (TextReader sr)

  private method to parse HTTP POST requests
- void SendResponseHeader ()

  private helper method to send standard HTTP headers

Private Attributes

- readonly Dictionary< string, string > _headers = new Dictionary<string, string>()
- readonly Dictionary< string, string > _headersToSend = new Dictionary<string, string>()
- readonly SslStream _network
- readonly TcpClient _socket

Static Private Attributes

- static readonly X509Certificate ServerCertificate = X509Certificate.CreateFromCertFile("leserver.cer")

6.12.1 Detailed Description

A class to handle all HTTP communication.

Http

Definition at line 32 of file Http.cs.

6.12.2 Constructor & Destructor Documentation

6.12.2.1 DampServer.Http.Http (TcpClient *s*)

Constructor.

Http

Parameters

TcpClient	A TcpClient connected to a client

Definition at line 66 of file Http.cs.

6.12.3 Member Function Documentation

6.12.3.1 void DampServer.Http.AddHeader (string *name,* string *value*)

Method to add a HTTP header to the HTTP response.

AddHeader

Definition at line 112 of file Http.cs.

6.12.3.2 string DampServer.Http.GetHeader (string *key*)

Method to get a HTTP Header.

GetHeader

Definition at line 102 of file Http.cs.

6.12.3.3 void DampServer.Http.ParseGet ( ) [private]

private method to parse HTTP GET requests

ParseGet

Definition at line 122 of file Http.cs.

6.12.3.4 void DampServer.Http.ParsePost (TextReader *sr*) [private]

private method to parse HTTP POST requests

ParsePost

Definition at line 183 of file Http.cs.

6.12.3.5 void DampServer.Http.SendFileResponse (string *filename*)

send a file to the client

SendFileResponse

Implements DampServer.ICommandArgument.

Definition at line 273 of file Http.cs.

6.12.3.6 void DampServer.Http.SendResponseHeader ( ) [private]

private helper method to send standard HTTP headers

SendResponseHeader

Definition at line 234 of file Http.cs.

6.12.3.7 void DampServer.Http.SendXmlResponse (XmlResponse *obj*)

method to send a XML response object to the client

SendXmlResponse

Implements DampServer.ICommandArgument.

Definition at line 203 of file Http.cs.

6.12.3.8 bool DampServer.Http.SocketConnected (Socket *s*) [private]

Definition at line 40 of file Http.cs.

6.12.4 Member Data Documentation

6.12.4.1 readonly Dictionary<string, string> DampServer.Http._headers = new Dictionary<string, string>() [private]

Definition at line 34 of file Http.cs.

6.12.4.2 readonly Dictionary<string, string> DampServer.Http._headersToSend = new Dictionary<string, string>() [private]

Definition at line 35 of file Http.cs.

6.12.4.3 readonly SslStream DampServer.Http._network [private]

Definition at line 36 of file Http.cs.

6.12.4.4 readonly TcpClient DampServer.Http._socket [private]

Definition at line 37 of file Http.cs.

6.12.4.5 readonly X509Certificate DampServer.Http.ServerCertificate = X509Certificate.CreateFromCertFile("leserver.cer") [static], [private]

Definition at line 38 of file Http.cs.

6.12.5 Property Documentation

6.12.5.1 Byte [] DampServer.Http.Content [get], [set]

Definition at line 89 of file Http.cs.

6.12.5.2 string DampServer.Http.HttpVersion [get], [set]

Definition at line 92 of file Http.cs.

6.12.5.3 bool DampServer.Http.IsConnected [get]

The property display if the client is connected to the HTTP/TCP Socket.

IsConnected

Definition at line 56 of file Http.cs.

6.12.5.4 long DampServer.Http.Length [get], [set]

Definition at line 93 of file Http.cs.

6.12.5.5 string DampServer.Http.Path [get], [set]

Definition at line 91 of file Http.cs.

6.12.5.6 NameValueCollection DampServer.Http.Query [get], [set]

Definition at line 95 of file Http.cs.

6.12.5.7 string DampServer.Http.Status [get], [set]

Definition at line 94 of file Http.cs.

6.12.5.8 string DampServer.Http.Type [get], [set]

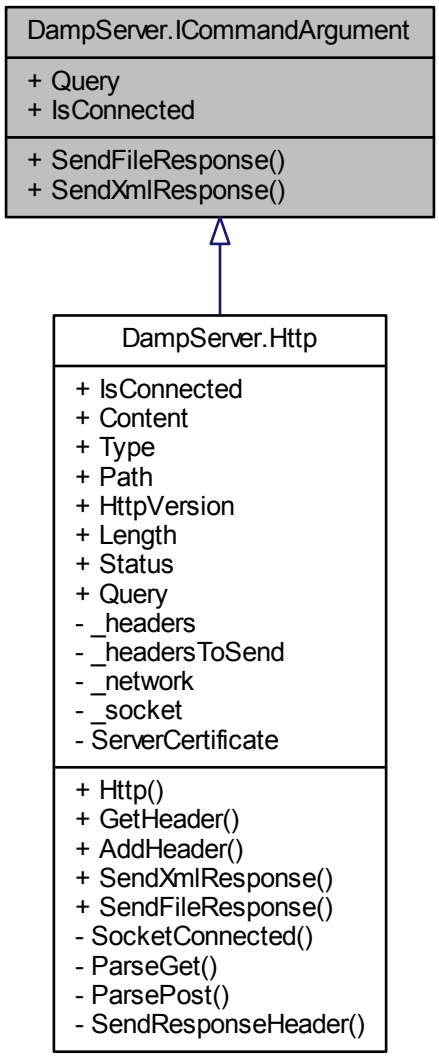
Definition at line 90 of file Http.cs.

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

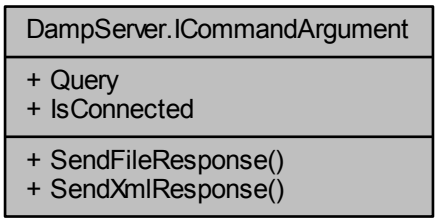
- DampServer/Http.cs

6.13 DampServer.ICommandArgument Interface Reference

Inheritance diagram for DampServer.ICommandArgument:



Collaboration diagram for DampServer.ICommandArgument:



Public Member Functions

- void SendFileResponse (string filename)
- void SendXmlResponse (XmlResponse obj)

Properties

- NameValueCollection Query [get]
- bool IsConnected [get]

6.13.1 Detailed Description

Definition at line 5 of file ICommandArgument.cs.

6.13.2 Member Function Documentation

6.13.2.1 void DampServer.ICommandArgument.SendFileResponse (string *filename*)

Implemented in DampServer.Http.

6.13.2.2 void DampServer.ICommandArgument.SendXmlResponse (XmlResponse *obj*)

Implemented in DampServer.Http.

6.13.3 Property Documentation

6.13.3.1 bool DampServer.ICommandArgument.IsConnected [get]

Definition at line 10 of file ICommandArgument.cs.

6.13.3.2 NameValueCollection DampServer.ICommandArgument.Query [get]

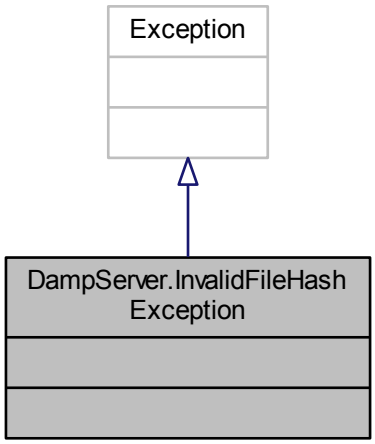
Definition at line 7 of file ICommandArgument.cs.

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

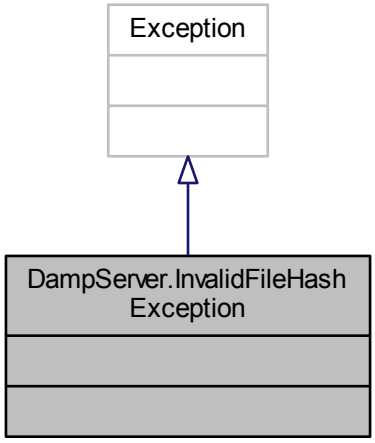
- DampServer/ICommandArgument.cs

6.14 DampServer.InvalidFileHashException Class Reference

Inheritance diagram for DampServer.InvalidFileHashException:



Collaboration diagram for DampServer.InvalidFileHashException:



6.14.1 Detailed Description

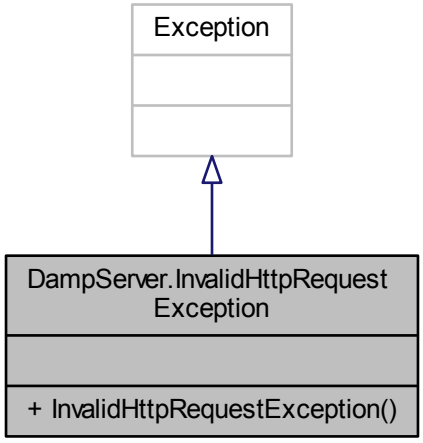
Definition at line 5 of file InvalidFileHashException.cs.

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

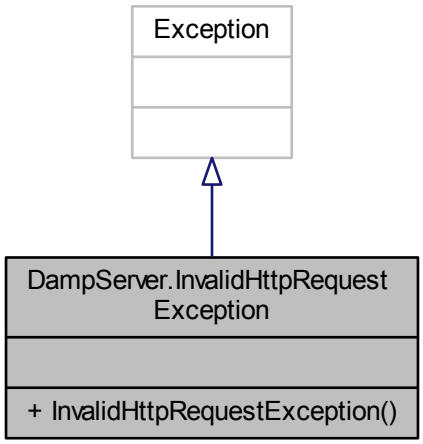
- DampServer/InvalidFileHashException.cs

6.15 DampServer.InvalidHttpRequestException Class Reference

Inheritance diagram for DampServer.InvalidHttpRequestException:



Collaboration diagram for DampServer.InvalidHttpRequestException:



Public Member Functions

- InvalidHttpRequestException (string noGetLine)

6.15.1 Detailed Description

Definition at line 9 of file InvalidHttpRequestException.cs.

6.15.2 Constructor & Destructor Documentation

6.15.2.1 DampServer.InvalidHttpRequestException.InvalidHttpRequestException (string *noGetLine*)

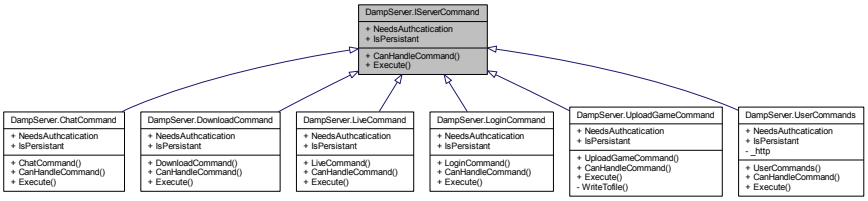
Definition at line 11 of file InvalidHttpRequestException.cs.

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

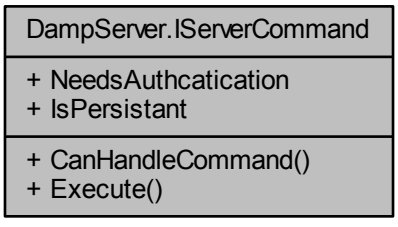
- DampServer/InvalidHttpRequestException.cs

6.16 DampServer.IServerCommand Interface Reference

Inheritance diagram for DampServer.IServerCommand:



Collaboration diagram for DampServer.IServerCommand:



Public Member Functions

- bool CanHandleCommand (string cmd)
- void Execute (ICommandArgument http, string cmd=null)

Properties

- bool NeedsAuthcatication [get]
- bool IsPersistant [get]

6.16.1 Detailed Description

Definition at line 3 of file IServerCommand.cs.

6.16.2 Member Function Documentation

6.16.2.1 bool DampServer.IServerCommand.CanHandleCommand (string *cmd*)

Implemented in DampServer.LoginCommand, DampServer.UserCommands, DampServer.ChatCommand, DampServer.UploadGameCommand, DampServer.DownloadCommand, and DampServer.LiveCommand.

6.16.2.2 void DampServer.IServerCommand.Execute (ICommandArgument *http,* string *cmd* = null)

Implemented in DampServer.LoginCommand, DampServer.UserCommands, DampServer.ChatCommand, DampServer.UploadGameCommand, DampServer.DownloadCommand, and DampServer.LiveCommand.

6.16.3 Property Documentation

6.16.3.1 bool DampServer.IServerCommand.IsPersistant [get]

Definition at line 6 of file IServerCommand.cs.

6.16.3.2 bool DampServer.IServerCommand.NeedsAuthcatication [get]

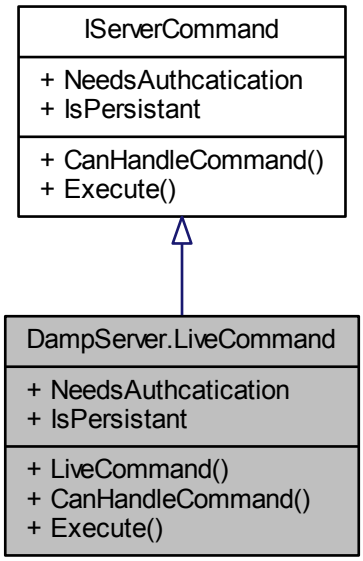
Definition at line 5 of file IServerCommand.cs.

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

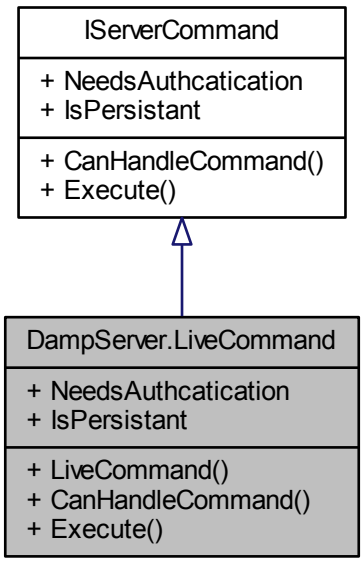
- DampServer/IServerCommand.cs

6.17 DampServer.LiveCommand Class Reference

Inheritance diagram for DampServer.LiveCommand:



Collaboration diagram for DampServer.LiveCommand:



Public Member Functions

- LiveCommand ()
- bool CanHandleCommand (string cmd)
- void Execute (ICommandArgument http, string cmd=null)

Properties

- bool NeedsAuthcatication `[get, set]`
- bool IsPersistant `[get, set]`

6.17.1 Detailed Description

Definition at line 3 of file LiveCommand.cs.

6.17.2 Constructor & Destructor Documentation

6.17.2.1 DampServer.LiveCommand.LiveCommand ( )

Definition at line 5 of file LiveCommand.cs.

6.17.3 Member Function Documentation

6.17.3.1 bool DampServer.LiveCommand.CanHandleCommand (string *cmd*)

Implements DampServer.IServerCommand.

Definition at line 11 of file LiveCommand.cs.

6.17.3.2 void DampServer.LiveCommand.Execute (ICommandArgument *http*, string *cmd* = `null`)

Implements DampServer.IServerCommand.

Definition at line 16 of file LiveCommand.cs.

6.17.4 Property Documentation

6.17.4.1 bool DampServer.LiveCommand.IsPersistant `[get],[set]`

Definition at line 24 of file LiveCommand.cs.

6.17.4.2 bool DampServer.LiveCommand.NeedsAuthcatication `[get],[set]`

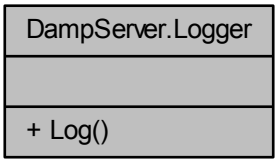
Definition at line 23 of file LiveCommand.cs.

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

- DampServer/LiveCommand.cs

6.18 DampServer.Logger Class Reference

Collaboration diagram for DampServer.Logger:



Static Public Member Functions

- static void Log (string message, LogLevel level=LogLevel.Normal)

6.18.1 Detailed Description

Definition at line 10 of file Log.cs.

6.18.2 Member Function Documentation

6.18.2.1 static void DampServer.Logger.Log (string *message*, LogLevel *level* = `LogLevel.Normal`) [static]

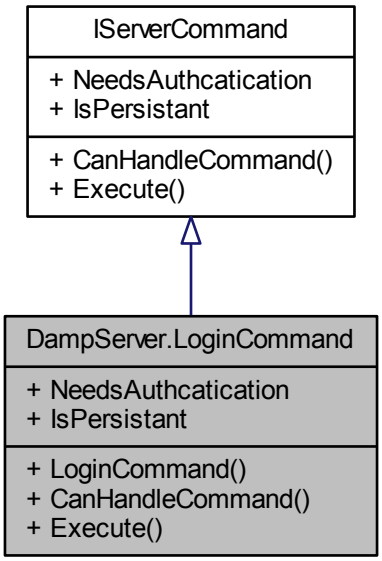
Definition at line 12 of file Log.cs.

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

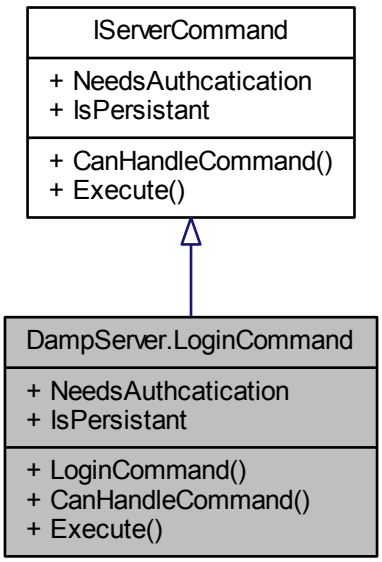
- DampServer/Log.cs

6.19 DampServer.LoginCommand Class Reference

Inheritance diagram for DampServer.LoginCommand:



Collaboration diagram for DampServer.LoginCommand:



Public Member Functions

- LoginCommand ()
- bool CanHandleCommand (string cmd)
- void Execute (ICommandArgument http, string cmd=null)

Properties

- bool NeedsAuthcatication `[get, set]`
- bool IsPersistant `[get, set]`

6.19.1 Detailed Description

LoginCommand

Definition at line 18 of file LoginCommand.cs.

6.19.2 Constructor & Destructor Documentation

6.19.2.1 DampServer.LoginCommand.LoginCommand ( )

Definition at line 20 of file LoginCommand.cs.

6.19.3 Member Function Documentation

6.19.3.1 bool DampServer.LoginCommand.CanHandleCommand (string *cmd*)

Implements DampServer.IServerCommand.

Definition at line 26 of file LoginCommand.cs.

6.19.3.2 void DampServer.LoginCommand.Execute (ICommandArgument *http*, string *cmd* = `null`)

Implements DampServer.IServerCommand.

Definition at line 31 of file LoginCommand.cs.

6.19.4 Property Documentation

6.19.4.1 bool DampServer.LoginCommand.IsPersistant `[get],[set]`

Definition at line 105 of file LoginCommand.cs.

6.19.4.2 bool DampServer.LoginCommand.NeedsAuthcatication `[get],[set]`

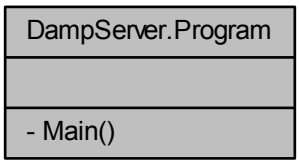
Definition at line 104 of file LoginCommand.cs.

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

- DampServer/LoginCommand.cs

6.20 DampServer.Program Class Reference

Collaboration diagram for DampServer.Program:



Static Private Member Functions

- static void Main (string[] args)

6.20.1 Detailed Description

Definition at line 9 of file Program.cs.

6.20.2 Member Function Documentation

6.20.2.1 static void DampServer.Program.Main (string[] *args*) [static], [private]

Definition at line 11 of file Program.cs.

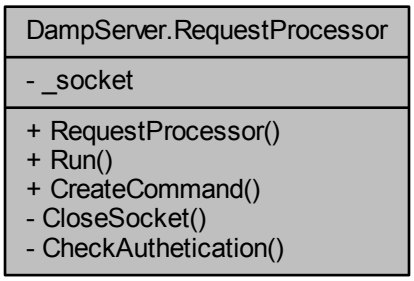
The documentation for this class was generated from the following file:

- DampServer/Program.cs

6.21 DampServer.RequestProcessor Class Reference

RequestProcessor Constructor.

Collaboration diagram for DampServer.RequestProcessor:



Public Member Functions

- RequestProcessor (TcpClient s)
- void Run ()

Static Public Member Functions

- static IServerCommand CreateCommand (string cmd)

  returns a command object to handle a given cmd

Private Member Functions

- void CloseSocket ()

Static Private Member Functions

- static bool CheckAuthetication (string authToken)

Private Attributes

- readonly TcpClient _socket

6.21.1 Detailed Description

RequestProcessor Constructor.

Definition at line 22 of file RequestProcessor.cs.

6.21.2 Constructor & Destructor Documentation

6.21.2.1 DampServer.RequestProcessor.RequestProcessor (TcpClient *s*)

Definition at line 27 of file RequestProcessor.cs.

6.21.3 Member Function Documentation

6.21.3.1 static bool DampServer.RequestProcessor.CheckAuthetication (string *authToken*) [static],[private]

Definition at line 117 of file RequestProcessor.cs.

6.21.3.2 void DampServer.RequestProcessor.CloseSocket ( ) [private]

Definition at line 109 of file RequestProcessor.cs.

6.21.3.3 static IServerCommand DampServer.RequestProcessor.CreateCommand (string *cmd*) [static]

returns a command object to handle a given cmd

CreateCommand

Parameters

string	cmd cmd to handle

Returns

IServerCommand object that handles the given command

Definition at line 137 of file RequestProcessor.cs.

6.21.3.4 void DampServer.RequestProcessor.Run ( )

Definition at line 35 of file RequestProcessor.cs.

6.21.4 Member Data Documentation

6.21.4.1 readonly TcpClient DampServer.RequestProcessor._socket [private]

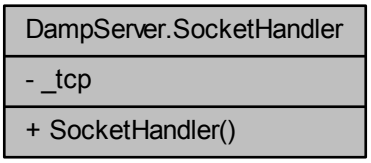
Definition at line 25 of file RequestProcessor.cs.

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

- DampServer/RequestProcessor.cs

6.22 DampServer.SocketHandler Class Reference

Collaboration diagram for DampServer.SocketHandler:



Public Member Functions

- SocketHandler ()

Private Attributes

- readonly TcpListener _tcp = new TcpListener(IPAddress.Parse("0.0.0.0"), 1337)

6.22.1 Detailed Description

Definition at line 12 of file SocketHandler.cs.

6.22.2 Constructor & Destructor Documentation

6.22.2.1 DampServer.SocketHandler.SocketHandler ( )

Definition at line 17 of file SocketHandler.cs.

6.22.3 Member Data Documentation

6.22.3.1 readonly TcpListener DampServer.SocketHandler._tcp = new TcpListener(IPAddress.Parse("0.0.0.0"), 1337) [private]

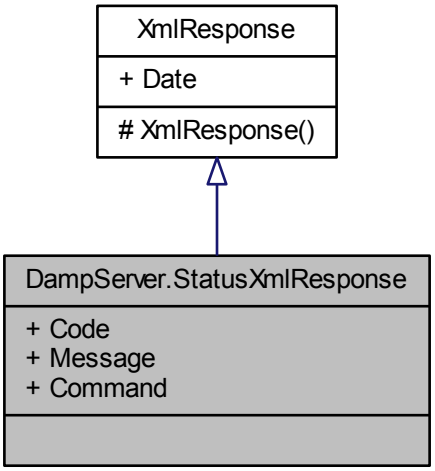
Definition at line 14 of file SocketHandler.cs.

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

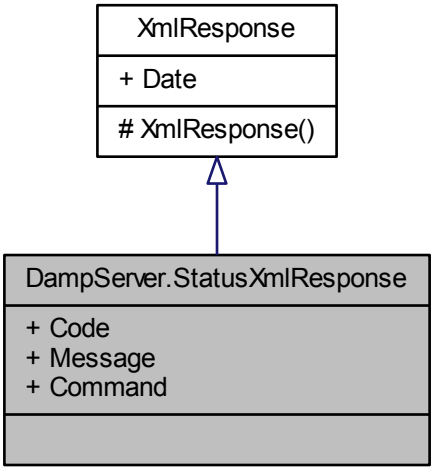
- DampServer/SocketHandler.cs

6.23 DampServer.StatusXmlResponse Class Reference

Inheritance diagram for DampServer.StatusXmlResponse:



Collaboration diagram for DampServer.StatusXmlResponse:



Properties

- int Code [get, set]
- string Message [get, set]
- string Command [get, set]

Additional Inherited Members

6.23.1 Detailed Description

Definition at line 10 of file StatusXmlResponse.cs.

6.23.2 Property Documentation

6.23.2.1 int DampServer.StatusXmlResponse.Code [get],[set]

Definition at line 12 of file StatusXmlResponse.cs.

6.23.2.2 string DampServer.StatusXmlResponse.Command [get],[set]

Definition at line 14 of file StatusXmlResponse.cs.

6.23.2.3 string DampServer.StatusXmlResponse.Message [get],[set]

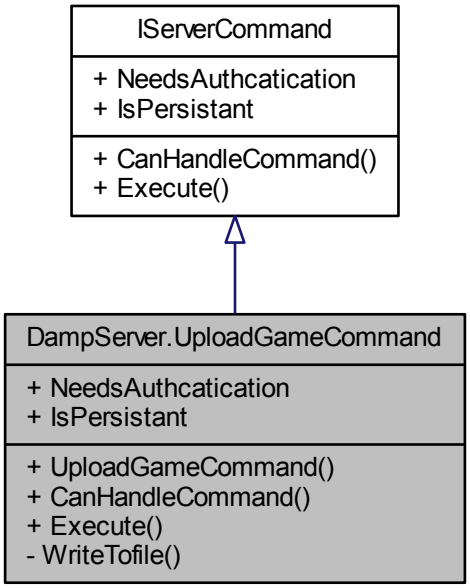
Definition at line 13 of file StatusXmlResponse.cs.

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

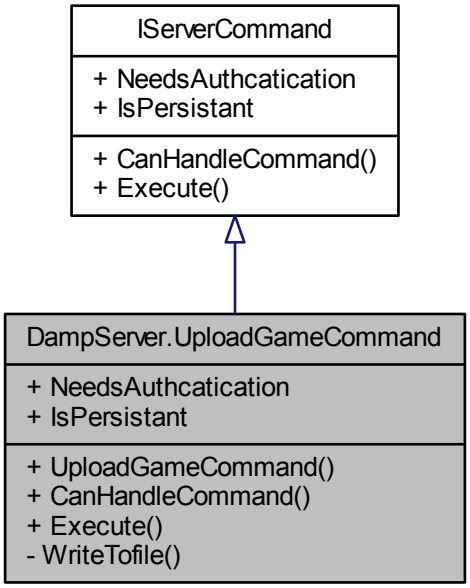
- DampServer/StatusXmlResponse.cs

6.24 DampServer.UploadGameCommand Class Reference

Inheritance diagram for DampServer.UploadGameCommand:



Collaboration diagram for DampServer.UploadGameCommand:



Public Member Functions

- UploadGameCommand ()
- bool CanHandleCommand (string cmd)
- void Execute (ICommandArgument http, string cmd=null)

Properties

- bool NeedsAuthcatication `[get, set]`
- bool IsPersistant `[get, set]`

Private Member Functions

- void WriteTofile (Byte[] content)

6.24.1 Detailed Description

Definition at line 5 of file UploadGameCommand.cs.

6.24.2 Constructor & Destructor Documentation

6.24.2.1 DampServer.UploadGameCommand.UploadGameCommand ( )

Definition at line 10 of file UploadGameCommand.cs.

6.24.3 Member Function Documentation

6.24.3.1 bool DampServer.UploadGameCommand.CanHandleCommand (string *cmd*)

Implements DampServer.IServerCommand.

Definition at line 16 of file UploadGameCommand.cs.

6.24.3.2 void DampServer.UploadGameCommand.Execute (ICommandArgument *http*, string *cmd* = `null`)

Implements DampServer.IServerCommand.

Definition at line 21 of file UploadGameCommand.cs.

6.24.3.3 void DampServer.UploadGameCommand.WriteTofile (Byte[] *content*) `[private]`

Definition at line 26 of file UploadGameCommand.cs.

6.24.4 Property Documentation

6.24.4.1 bool DampServer.UploadGameCommand.IsPersistant `[get]`, `[set]`

Definition at line 8 of file UploadGameCommand.cs.

6.24.4.2 bool DampServer.UploadGameCommand.NeedsAuthcatication `[get]`, `[set]`

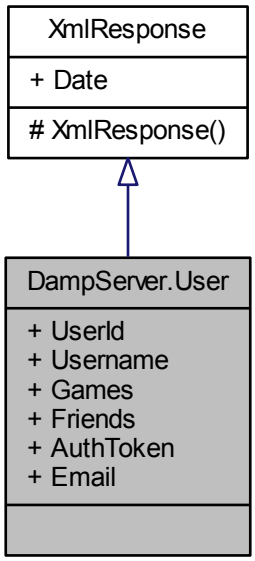
Definition at line 7 of file UploadGameCommand.cs.

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

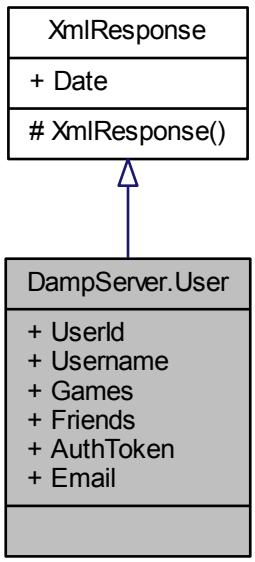
- DampServer/UploadGameCommand.cs

6.25 DampServer.User Class Reference

Inheritance diagram for DampServer.User:



Collaboration diagram for DampServer.User:



Properties

- Int64 UserId [get, set]
- string Username [get, set]
- List< Game > Games [get, set]
- List< User > Friends [get, set]
- string AuthToken [get, set]
- string Email [get, set]

Additional Inherited Members

6.25.1 Detailed Description

Definition at line 10 of file User.cs.

6.25.2 Property Documentation

6.25.2.1 string DampServer.User.AuthToken [get], [set]

Definition at line 16 of file User.cs.

6.25.2.2 string DampServer.User.Email [get], [set]

Definition at line 17 of file User.cs.

6.25.2.3 List<User> DampServer.User.Friends [get], [set]

Definition at line 15 of file User.cs.

6.25.2.4 List<Game> DampServer.User.Games [get], [set]

Definition at line 14 of file User.cs.

6.25.2.5 Int64 DampServer.User.UserId [get], [set]

Definition at line 12 of file User.cs.

6.25.2.6 string DampServer.User.Username [get], [set]

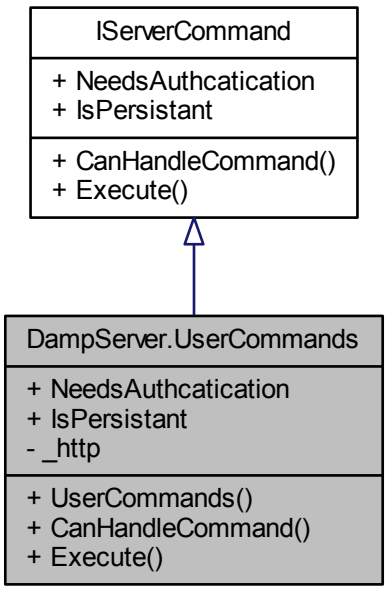
Definition at line 13 of file User.cs.

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

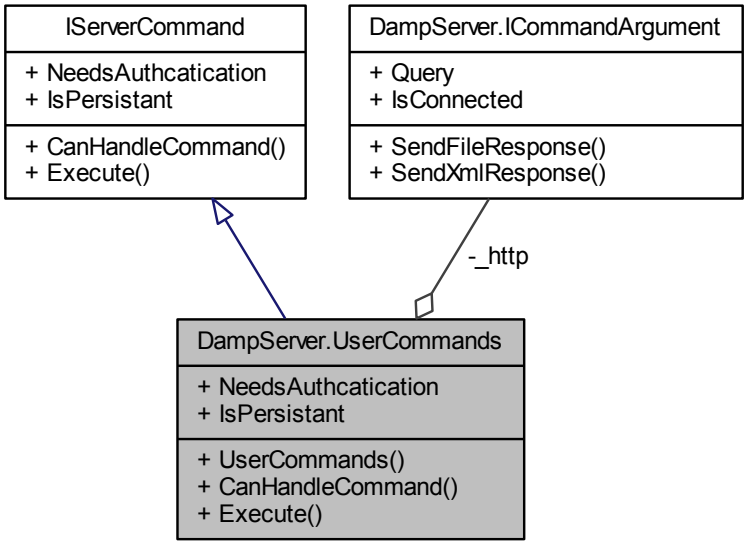
- DampServer/User.cs

6.26 DampServer.UserCommands Class Reference

Inheritance diagram for DampServer.UserCommands:



Collaboration diagram for DampServer.UserCommands:



Public Member Functions

- UserCommands ()
- bool CanHandleCommand (string cmd)
- void Execute (ICommandArgument http, string cmd)

Properties

- bool NeedsAuthcatication `[get, set]`
- bool IsPersistant `[get, set]`

Private Attributes

- ICommandArgument _http

6.26.1 Detailed Description

Definition at line 11 of file UserCommands.cs.

6.26.2 Constructor & Destructor Documentation

6.26.2.1 DampServer.UserCommands.UserCommands ( )

Definition at line 15 of file UserCommands.cs.

6.26.3 Member Function Documentation

6.26.3.1 bool DampServer.UserCommands.CanHandleCommand (string *cmd*)

Implements DampServer.IServerCommand.

Definition at line 21 of file UserCommands.cs.

6.26.3.2 void DampServer.UserCommands.Execute (ICommandArgument *http*, string *cmd*)

Implements DampServer.IServerCommand.

Definition at line 26 of file UserCommands.cs.

6.26.4 Member Data Documentation

6.26.4.1 ICommandArgument DampServer.UserCommands._http `[private]`

Definition at line 13 of file UserCommands.cs.

6.26.5 Property Documentation

6.26.5.1 bool DampServer.UserCommands.IsPersistant `[get],[set]`

Definition at line 107 of file UserCommands.cs.

6.26.5.2 bool DampServer.UserCommands.NeedsAuthcatication [get],[set]

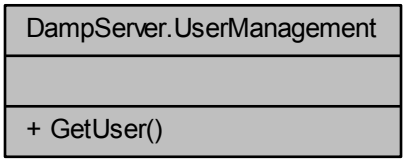
Definition at line 106 of file UserCommands.cs.

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

- DampServer/UserCommands.cs

6.27 DampServer.UserManagement Class Reference

Collaboration diagram for DampServer.UserManagement:



Static Public Member Functions

- static User GetUser (string authToken)

6.27.1 Detailed Description

Definition at line 11 of file UserManagement.cs.

6.27.2 Member Function Documentation

6.27.2.1 static User DampServer.UserManagement.GetUser (string *authToken*) [static]

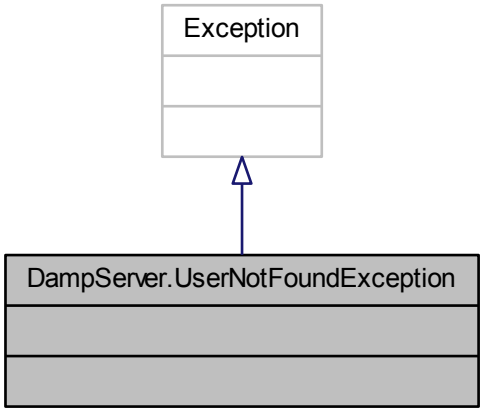
Definition at line 13 of file UserManagement.cs.

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

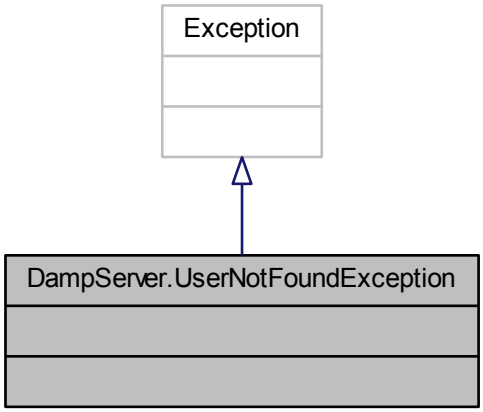
- DampServer/UserManagement.cs

6.28 DampServer.UserNotFoundException Class Reference

Inheritance diagram for DampServer.UserNotFoundException:



Collaboration diagram for DampServer.UserNotFoundException:



6.28.1 Detailed Description

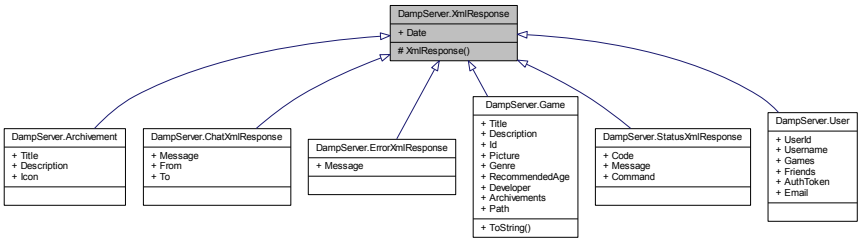
Definition at line 42 of file UserManagement.cs.

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

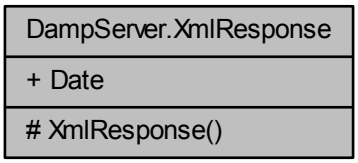
- DampServer/UserManagement.cs

6.29 DampServer.XmlResponse Class Reference

Inheritance diagram for DampServer.XmlResponse:



Collaboration diagram for DampServer.XmlResponse:



Protected Member Functions

- XmlResponse ()

Properties

- DateTime Date [get, set]

6.29.1 Detailed Description

Definition at line 12 of file XmlResponse.cs.

6.29.2 Constructor & Destructor Documentation

6.29.2.1 DampServer.XmlResponse.XmlResponse ( ) [protected]

Definition at line 14 of file XmlResponse.cs.

6.29.3 Property Documentation

6.29.3.1 DateTime DampServer.XmlResponse.Date [get], [set]

Definition at line 19 of file XmlResponse.cs.

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

- DampServer/XmlResponse.cs

Chapter 7

File Documentation

7.1 DampServer/Archivement.cs File Reference

Classes

- class DampServer.Archivement

Namespaces

- package DampServer

7.2 DampServer/ChatCommand.cs File Reference

Classes

- class DampServer.ChatCommand

Namespaces

- package DampServer

7.3 DampServer/ChatXmlResponse.cs File Reference

Classes

- class DampServer.ChatXmlResponse

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- package DampServer

7.4 DampServer/CommandNotFoundException.cs File Reference

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- class DampServer.CommandNotFoundException

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- package DampServer

7.5 DampServer/Connection.cs File Reference

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- class DampServer.Connection

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7.6 DampServer/ConnectionManager.cs File Reference

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- class DampServer.ConnectionManager

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7.7 DampServer/Database.cs File Reference

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- class DampServer.Database

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7.8 DampServer/DownloadCommand.cs File Reference

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- class DampServer.DownloadCommand

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7.9 DampServer/ErrorXmlResponse.cs File Reference

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- class DampServer.ErrorXmlResponse

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7.10 DampServer/Game.cs File Reference

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- class DampServer.Game

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- package DampServer

7.11 DampServer/GameHandler.cs File Reference

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- class DampServer.GameHandler

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- package DampServer

7.12 DampServer/Http.cs File Reference

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- class DampServer.Http

  A class to handle all HTTP communication.

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- package DampServer

7.13 DampServer/ICommandArgument.cs File Reference

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- interface DampServer.ICommandArgument

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- package DampServer

7.14 DampServer/InvalidFileHashException.cs File Reference

Classes

- class DampServer.InvalidFileHashException

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- package DampServer

7.15 DampServer/InvalidHttpRequestException.cs File Reference

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- class DampServer.InvalidHttpRequestException

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7.16 DampServer/IServerCommand.cs File Reference

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- interface DampServer.IServerCommand

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7.17 DampServer/LiveCommand.cs File Reference

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- class DampServer.LiveCommand

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- package DampServer

7.18 DampServer/Log.cs File Reference

Classes

- class DampServer.Logger

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- package DampServer

Enumerations

- enum DampServer.LogLevel { DampServer.Minor, DampServer.Normal, DampServer.Critical }

7.19 DampServer/LoginCommand.cs File Reference

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- class DampServer.LoginCommand

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- package DampServer

7.20 DampServer/obj/Debug/TemporaryGeneratedFile_036C0B5B-1481-4323-8D20-8F5A-DCB23D92.cs File Reference

7.21 DampServer/obj/Debug/TemporaryGeneratedFile_5937a670-0e60-4077-877b-f7221da3dda1.cs File Reference

7.22 DampServer/obj/Debug/TemporaryGeneratedFile_E7A71F73-0F8D-4B9B-B56E-8-E70B10BC5D3.cs File Reference

7.23 DampServer/Program.cs File Reference

Classes

- class DampServer.Program

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- package DampServer

7.24 DampServer/RequestProcessor.cs File Reference

Classes

- class DampServer.RequestProcessor

  RequestProcessor Constructor.

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- package DampServer

7.25 DampServer/SocketHandler.cs File Reference

Classes

- class DampServer.SocketHandler

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- package DampServer

7.26 DampServer/StatusXmlResponse.cs File Reference

Classes

- class DampServer.StatusXmlResponse

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- package DampServer

7.27 DampServer/UploadGameCommand.cs File Reference

Classes

- class DampServer.UploadGameCommand

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- package DampServer

7.28 DampServer/User.cs File Reference

Classes

- class DampServer.User

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- package DampServer

7.29 DampServer/UserCommands.cs File Reference

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- class DampServer.UserCommands

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- package DampServer

7.30 DampServer/UserManagement.cs File Reference

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- class DampServer.UserManagement
- class DampServer.UserNotFoundException

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- package DampServer

7.31 DampServer/XmlResponse.cs File Reference

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- class DampServer.XmlResponse

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- package DampServer

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