

EasyPyOrder

1.0.0.0

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Chapter 1

命名空間(Namespace)索引

1.1 Package List

此處為Package的概略說明(如果有的話):

EasyPyConsumer	5
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Chapter 2

階層索引

2.1 類別階層

這個繼承列表經過簡略的字母排序：

IDisposable	
EasyPyConsumer.EasyPyConsume< TKey, TValue >	6

Chapter 3

複合索引

3.1 複合列表

這是附帶簡略說明的類別，結構，聯合型態(unions)及介面(interfaces):

EasyPyConsumer.EasyPyConsume< TKey, TValue >	
EasyPy Quote C# API	6

Chapter 4

檔案索引

4.1 檔案列表

這是附帶簡略說明的檔案列表：

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Chapter 5

命名空間(Namespace)說明文件

5.1 EasyPyConsumer 命名空間(Namespace)參考文件

複合項目

- class [EasyPyConsume](#)
EasyPy Quote C# API.

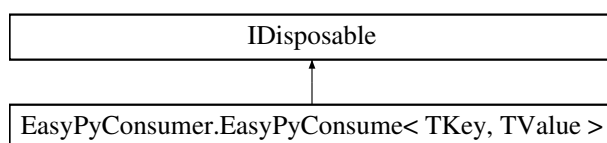
Chapter 6

類別說明文件

6.1 EasyPyConsumer.EasyPyConsume< TKey, TValue > 類別 樣版 參考文件

EasyPy Quote C# API.

類別EasyPyConsumer.EasyPyConsume< TKey, TValue >的繼承圖:



公開方法(Public Methods)

- [EasyPyConsume](#) (int subCount=10, string bootstrapServers=null)
- void [SubscribeCode](#) (string _code)
- void [SubscribeCode](#) (string[] _codes)
- void [UnSubscribeCode](#) ()
- void [Start](#) ()
- async Task [Stop](#) ()
- void [Dispose](#) ()

靜態公開方法(Static Public Methods)

- static bool [IsNatural](#) (string str)

保護方法(Protected Methods)

- virtual void [Dispose](#) (bool _disposing)

屬性(properties)

- IConsumer< TKey, TValue > [Consumer](#) [get]
- static int [SubscribeCount](#) = 10 [get, set]
- ConsumerBuilder< TKey, TValue > [Builder](#) [get, set]
- string [GetGroupID](#) [get]
- string [GetBootstrapServers](#) [get]
- int [GetSubCount](#) [get]
- int [Count](#) [get]

Events

- Action< string, int, long, TValue > [OnConsumeResult](#)
on result.
- Action< string > [OnConsumeMsg](#)
@brief on message.
- Action< string > [OnConsumeException](#)
on exception.

私有方法(Private Methods)

- void [IsExistFolder](#) ()
- IEnumerable< KeyValuePair< string, string > > [SetConfig](#) (string groupId, string bootstrapServers)
- bool [CanSubscribeCode](#) (string _format, string _code)
- ~[EasyPyConsume](#) ()

私有屬性

- Task [_consumerTask](#)
- bool [disposed](#)
- CancellationTokenSource [_consumerCts](#)
- string [appPath](#) = Environment.GetFolderPath(Environment.SpecialFolder.ApplicationData)
- bool [IsExist](#) = false
- IniData [data](#)

靜態私有屬性

- static readonly ConcurrentDictionary< string, HashSet< string > > [subscribeCache](#) = new ConcurrentDictionary<string, HashSet<string>>()
- static ReaderWriterLockSlim [writerSlim](#) = new ReaderWriterLockSlim(LockRecursionPolicy.SupportsRecursion)

6.1.1 詳細描述

EasyPy Quote C# API.

採用訂閱機制供使用者訂閱標的行情.

6.1.2 建構子與解構子說明文件

6.1.2.1 EasyPyConsume()

```
EasyPyConsumer.EasyPyConsume< TKey, TValue >.EasyPyConsume (
    int subCount = 10,
    string bootstrapServers = null )
```

建構子, 進行初始化工作.

參數

<param	name="subCount">
--------	------------------

參數

<param	name="bootstrapServers">
--------	--------------------------

參考 [EasyPyConsumer.EasyPyConsume< TKey, TValue >.Builder](#), [EasyPyConsumer.EasyPyConsume< TKey, TValue >.Consume](#), [EasyPyConsumer.EasyPyConsume< TKey, TValue >.data](#), [EasyPyConsumer.EasyPyConsume< TKey, TValue >.GetBootstrapServers](#), [EasyPyConsumer.EasyPyConsume< TKey, TValue >.GetGroupID](#), [EasyPyConsumer.EasyPyConsume< TKey, TValue >.GetSubCount](#), [EasyPyConsumer.EasyPyConsume< TKey, TValue >.IsExist](#), [EasyPyConsumer.EasyPyConsume< TKey, TValue >.IsExistFolder\(\)](#), [EasyPyConsumer.EasyPyConsume< TKey, TValue >.OnConsumeException](#), [EasyPyConsumer.EasyPyConsume< TKey, TValue >.SubscribeCount](#), [EasyPyConsumer.EasyPyConsume< TKey, TValue >.SetConfig\(\)](#), 及 [EasyPyConsumer.EasyPyConsume< TKey, TValue >.SubscribeCode\(\)](#).

6.1.2.2 ~EasyPyConsume()

```
EasyPyConsumer.EasyPyConsume< TKey, TValue >::~~EasyPyConsume ( ) [private]
```

6.1.3 函式成員說明文件

6.1.3.1 CanSubscribeCode()

```
bool EasyPyConsumer.EasyPyConsume< TKey, TValue >.CanSubscribeCode (
    string _format,
    string _code ) [private]
```

參考 [EasyPyConsumer.EasyPyConsume< TKey, TValue >.OnConsumeException](#), [EasyPyConsumer.EasyPyConsume< TKey, TValue >.SubscribeCount](#), 及 [EasyPyConsumer.EasyPyConsume< TKey, TValue >.SubscribeCode\(\)](#).

被參考於 [EasyPyConsumer.EasyPyConsume< TKey, TValue >.SubscribeCode\(\)](#).

6.1.3.2 Dispose() [1/2]

```
void EasyPyConsumer.EasyPyConsume< TKey, TValue >.Dispose ( )
```

6.1.3.3 Dispose() [2/2]

```
virtual void EasyPyConsumer.EasyPyConsume< TKey, TValue >.Dispose (
    bool _disposing ) [protected], [virtual]
```

6.1.3.4 IsExistFolder()

```
void EasyPyConsumer.EasyPyConsume< TKey, TValue >.IsExistFolder ( ) [private]
```

參考 [EasyPyConsumer.EasyPyConsume< TKey, TValue >.appPath](#), 及 [EasyPyConsumer.EasyPyConsume< TKey, TValue >.IsExistFolder\(\)](#).

被參考於 [EasyPyConsumer.EasyPyConsume< TKey, TValue >.EasyPyConsume\(\)](#).

6.1.3.5 IsNatural()

```
static bool EasyPyConsumer.EasyPyConsume< TKey, TValue >.IsNatural (
    string str ) [static]
```

被參考於 [EasyPyConsumer.EasyPyConsume< TKey, TValue >.SubscribeCode\(\)](#).

6.1.3.6 SetConfig()

```
IEnumerable< KeyValuePair< string, string > > EasyPyConsumer.EasyPyConsume< TKey, TValue >.SetConfig (
    string groupId,
    string bootstrapServers ) [private]
```

被參考於 [EasyPyConsumer.EasyPyConsume< TKey, TValue >.EasyPyConsume\(\)](#).

6.1.3.7 Start()

```
void EasyPyConsumer.EasyPyConsume< TKey, TValue >.Start ( )
```

參考 [EasyPyConsumer.EasyPyConsume< TKey, TValue >._consumerCts](#), [EasyPyConsumer.EasyPyConsume< TKey, TValue >.Consumer](#), [EasyPyConsumer.EasyPyConsume< TKey, TValue >.OnConsumeMsg](#), 及 [EasyPyConsumer.EasyPyConsume< TKey, TValue >.OnConsumeMsg](#).

6.1.3.8 Stop()

```
async Task EasyPyConsumer.EasyPyConsume< TKey, TValue >.Stop ( )
```

6.1.3.9 SubscribeCode() [1/2]

```
void EasyPyConsumer.EasyPyConsume< TKey, TValue >.SubscribeCode (
    string _code )
```

參考 [EasyPyConsumer.EasyPyConsume< TKey, TValue >.CanSubscribeCode\(\)](#), [EasyPyConsumer.EasyPyConsume< TKey, TValue >.Count](#), [EasyPyConsumer.EasyPyConsume< TKey, TValue >.IsNatural\(\)](#), [EasyPyConsumer.EasyPyConsume< TKey, TValue >.OnConsumeException](#), [EasyPyConsumer.EasyPyConsume< TKey, TValue >.subscribeCache](#), 及 [EasyPyConsumer.EasyPyConsume< TKey, TValue >.UnSubscribeCode\(\)](#).

6.1.3.10 SubscribeCode() [2/2]

```
void EasyPyConsumer.EasyPyConsume< TKey, TValue >.SubscribeCode (
    string[] _codes )
```

參考 [EasyPyConsumer.EasyPyConsume< TKey, TValue >.CanSubscribeCode\(\)](#), [EasyPyConsumer.EasyPyConsume< TKey, TValue >.IsNatural\(\)](#), [EasyPyConsumer.EasyPyConsume< TKey, TValue >.OnConsumeException](#), [EasyPyConsumer.EasyPyConsume< TKey, TValue >.OnConsumeMsg](#), [EasyPyConsumer.EasyPyConsume< TKey, TValue >.subscribeCache](#), 及 [EasyPyConsumer.EasyPyConsume< TKey, TValue >.UnSubscribeCode\(\)](#).

6.1.3.11 UnSubscribeCode()

```
void EasyPyConsumer.EasyPyConsume< TKey, TValue >.UnSubscribeCode ( )
```

參考 [EasyPyConsumer.EasyPyConsume< TKey, TValue >.Consumer](#).

被參考於 [EasyPyConsumer.EasyPyConsume< TKey, TValue >.SubscribeCode\(\)](#).

6.1.4 資料成員說明文件

6.1.4.1 _consumerCts

```
CancellationTokenSource EasyPyConsumer.EasyPyConsume< TKey, TValue >._consumerCts [private]
```

被參考於 [EasyPyConsumer.EasyPyConsume< TKey, TValue >.Start\(\)](#).

6.1.4.2 _consumerTask

```
Task EasyPyConsumer.EasyPyConsume< TKey, TValue >._consumerTask [private]
```

被參考於 [EasyPyConsumer.EasyPyConsume< TKey, TValue >.Start\(\)](#).

6.1.4.3 appPath

```
string EasyPyConsumer.EasyPyConsume< TKey, TValue >.appPath = Environment.GetFolderPath(Environment.SpecialFolder.ApplicationData) [private]
```

被參考於 [EasyPyConsumer.EasyPyConsume< TKey, TValue >.IsExistFolder\(\)](#).

6.1.4.4 data

```
IniData EasyPyConsumer.EasyPyConsume< TKey, TValue >.data [private]
```

被參考於 [EasyPyConsumer.EasyPyConsume< TKey, TValue >.EasyPyConsume\(\)](#).

6.1.4.5 disposed

```
bool EasyPyConsumer.EasyPyConsume< TKey, TValue >.disposed [private]
```

6.1.4.6 IsExist

```
bool EasyPyConsumer.EasyPyConsume< TKey, TValue >.IsExist = false [private]
```

被參考於 [EasyPyConsumer.EasyPyConsume< TKey, TValue >.EasyPyConsume\(\)](#), 及 [EasyPyConsumer.EasyPyConsume< TKey,](#)

6.1.4.7 subscribeCache

```
readonly ConcurrentDictionary<string, HashSet<string> > EasyPyConsumer.EasyPyConsume< TKey, TValue >.subscribeCache = new ConcurrentDictionary<string, HashSet<string>>() [static], [private]
```

被參考於 [EasyPyConsumer.EasyPyConsume< TKey, TValue >.CanSubscribeCode\(\)](#), 及 [EasyPyConsumer.EasyPyConsume< TK](#)

6.1.4.8 writerSlim

```
ReaderWriterLockSlim EasyPyConsumer.EasyPyConsume< TKey, TValue >.writerSlim = new ReaderWriterLockSlim(LockRecursionPolicy.SupportsRecursion) [static], [private]
```

被參考於 [EasyPyConsumer.EasyPyConsume< TKey, TValue >.CanSubscribeCode\(\)](#).

6.1.5 屬性(property)說明文件

6.1.5.1 Builder

```
ConsumerBuilder<TKey, TValue> EasyPyConsumer.EasyPyConsume< TKey, TValue >.Builder [get],  
[set]
```

被參考於 [EasyPyConsumer.EasyPyConsume< TKey, TValue >.EasyPyConsume\(\)](#).

6.1.5.2 Consumer

```
IConsumer<TKey, TValue> EasyPyConsumer.EasyPyConsume< TKey, TValue >.Consumer [get]
```

被參考於 [EasyPyConsumer.EasyPyConsume< TKey, TValue >.EasyPyConsume\(\)](#), [EasyPyConsumer.EasyPyConsume< TKey, TValue >.SubscribeCode\(\)](#), 及 [EasyPyConsumer.EasyPyConsume< TKey, TValue >.U](#).

6.1.5.3 Count

```
int EasyPyConsumer.EasyPyConsume< TKey, TValue >.Count [get]
```

被參考於 [EasyPyConsumer.EasyPyConsume< TKey, TValue >.SubscribeCode\(\)](#).

6.1.5.4 GetBootstrapServers

```
string EasyPyConsumer.EasyPyConsume< TKey, TValue >.GetBootstrapServers [get], [private]
```

被參考於 [EasyPyConsumer.EasyPyConsume< TKey, TValue >.EasyPyConsume\(\)](#).

6.1.5.5 GetGroupID

```
string EasyPyConsumer.EasyPyConsume< TKey, TValue >.GetGroupID [get], [private]
```

被參考於 [EasyPyConsumer.EasyPyConsume< TKey, TValue >.EasyPyConsume\(\)](#).

6.1.5.6 GetSubCount

```
int EasyPyConsumer.EasyPyConsume< TKey, TValue >.GetSubCount [get], [private]
```

被參考於 [EasyPyConsumer.EasyPyConsume< TKey, TValue >.EasyPyConsume\(\)](#).

6.1.5.7 SubscribeCount

```
int EasyPyConsumer.EasyPyConsume< TKey, TValue >.SubscribeCount = 10 [static], [get], [set],  
[private]
```

被參考於 [EasyPyConsumer.EasyPyConsume< TKey, TValue >.CanSubscribeCode\(\)](#), 及 [EasyPyConsumer.EasyPyConsume< TKey, TValue >.SubscribeCode\(\)](#).

6.1.6 Event 文件

6.1.6.1 OnConsumeException

Action<string> [EasyPyConsumer.EasyPyConsume](#)< TKey, TValue >.OnConsumeException

on exception.

被參考於 [EasyPyConsumer.EasyPyConsume](#)< TKey, TValue >.[CanSubscribeCode](#)(), [EasyPyConsumer.EasyPyConsume](#)< TKey, TValue >.[Start](#)(), 及 [EasyPyConsumer.EasyPyConsume](#)< TKey, TValue >.[SubscribeCode](#)()

6.1.6.2 OnConsumeMsg

Action<string> [EasyPyConsumer.EasyPyConsume](#)< TKey, TValue >.OnConsumeMsg

@brief on message.

被參考於 [EasyPyConsumer.EasyPyConsume](#)< TKey, TValue >.[EasyPyConsume](#)(), [EasyPyConsumer.EasyPyConsume](#)< TKey, TValue >.[Start](#)(), 及 [EasyPyConsumer.EasyPyConsume](#)< TKey, TValue >.[SubscribeCode](#)()

6.1.6.3 OnConsumeResult

Action<string, int, long, TValue> [EasyPyConsumer.EasyPyConsume](#)< TKey, TValue >.OnConsumeResult

on result.

此類別(class) 文件是由下列檔案中產生:

- D:/FubonWork/VSWork/Current/EasyPyTools/EasyPyConsumer/[EasyPyConsumer.cs](#)

Chapter 7

檔案說明文件

7.1 D:/FubonWork/VSWork/Current/EasyPyTools/EasyPyConsumer/↵ EasyPyConsumer.cs 檔案參考文件

複合項目

- class [EasyPyConsumer.EasyPyConsume< TKey, TValue >](#)
EasyPy Quote C# API.

命名空間(Namespace)

- namespace [EasyPyConsumer](#)

7.2 D:/FubonWork/VSWork/Current/EasyPyTools/EasyPyConsumer/obj/↵ Debug/.NETFramework,Version=v4.7.2.AssemblyAttributes.cs 檔案 參考文件

7.3 D:/FubonWork/VSWork/Current/EasyPyTools/EasyPyConsumer/↵ Properties/AssemblyInfo.cs 檔案參考文件

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