

Namespace PostalCodeKR

Classes

[PostalCodeService](#)

Class PostalCodeService

Namespace: [PostalCodeKR](#)

Assembly: PostalCodeKR.dll

```
public class PostalCodeService
```

Inheritance

[object](#) ← PostalCodeService

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) , [object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

PostalCodeService(string)

```
public PostalCodeService(string apiKey)
```

Parameters

apiKey [string](#)

Properties

APIServiceKey

```
public string APIServiceKey { init; }
```

Property Value

[string](#)

SearchItemCountPerPage

```
public int SearchItemCountPerPage { init; }
```

Property Value

[int](#)

SearchKeyword

```
public string SearchKeyword { init; }
```

Property Value

[string](#)

Methods

GetDatas(string, string, int, int)

```
public static Task<ServiceResponseData> GetDatas(string serviceKey, string searchKeyword,  
int queryItemCount, int queryPageNumber)
```

Parameters

serviceKey [string](#)

searchKeyword [string](#)

queryItemCount [int](#)

queryPageNumber [int](#)

Returns

[Task](#) <[ServiceResponseData](#)>

Search(int)

```
public Task<ServiceResponseData> Search(int targetPageNumber)
```

Parameters

targetPageNumber [int](#)

Returns

[Task](#) <[ServiceResponseData](#)>

Namespace PostalCodeKR.Enums

Enums

[APIErrorType](#)

Enum APIErrorType

Namespace: [PostalCodeKR.Enums](#)

Assembly: PostalCodeKR.dll

```
public enum APIErrorType
```

Fields

```
NoError = 0
```

```
ParseDataFail = 2
```

```
RequestFail = 1
```

Namespace PostalCodeKR.Models

Classes

[AddressPostalCodeData](#)

Postal code (Zip code) and address information data record

[ServiceResponseData](#)

Response data class about API service request

Class AddressPostalCodeData

Namespace: [PostalCodeKR.Models](#)

Assembly: PostalCodeKR.dll

Postal code (Zip code) and address information data record

```
public record AddressPostalCodeData : IEquatable<AddressPostalCodeData>
```

Inheritance

[object](#) ← AddressPostalCodeData

Implements

[IEquatable](#) <[AddressPostalCodeData](#)>

Inherited Members

[object.Equals\(object\)](#), [object.Equals\(object, object\)](#), [object.GetHashCode\(\)](#), [object.GetType\(\)](#), [object.MemberwiseClone\(\)](#), [object.ReferenceEquals\(object, object\)](#), [object.ToString\(\)](#)

Properties

LotNumberAddress

Lot number address (지번 주소)

```
public string LotNumberAddress { get; init; }
```

Property Value

[string](#)

PostalCode

Postal code (Zip code) of target address (우편 번호)

```
public string PostalCode { get; init; }
```


Property Value

[string](#) 

RoadNumberAddress

Road number address (도로명 주소)

```
public string RoadNumberAddress { get; init; }
```

Property Value

[string](#) 

Class ServiceResponseData

Namespace: [PostalCodeKR.Models](#)

Assembly: PostalCodeKR.dll

Response data class about API service request

```
public record ServiceResponseData : IEquatable<ServiceResponseData>
```

Inheritance

[object](#) ← ServiceResponseData

Implements

[IEquatable](#) <[ServiceResponseData](#)>

Inherited Members

[object.Equals\(object\)](#), [object.Equals\(object, object\)](#), [object.GetHashCode\(\)](#), [object.GetType\(\)](#), [object.MemberwiseClone\(\)](#), [object.ReferenceEquals\(object, object\)](#), [object.ToString\(\)](#)

Properties

CurrentPage

Current page number

```
public int CurrentPage { get; init; }
```

Property Value

[int](#)

ErrorType

Error type of API service request process

```
public APIErrorType ErrorType { get; init; }
```

Property Value

[APIErrorType](#)

ItemCountPerPage

Requested item count per page

```
public int ItemCountPerPage { get; init; }
```

Property Value

[int](#)

SearchResults

Search result list (read-only)

```
public IReadOnlyList<AddressPostalCodeData> SearchResults { get; init; }
```

Property Value

[IReadOnlyList](#) <[AddressPostalCodeData](#)>

ServiceRequestSuccess

Success information of API service request process

```
public bool ServiceRequestSuccess { get; init; }
```

Property Value

[bool](#)

TotalItemCount

All page total item count of search result

```
public int TotalItemCount { get; init; }
```

Property Value

[int](#)

TotalPageCount

Total page count

```
public int TotalPageCount { get; init; }
```

Property Value

[int](#)