Maltapark API

v1.0 – June 2013

Maltapark API

Contents

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1. Introduction

The Maltapark API provides a software link between third party software and the Maltapark database. This allows users to integrate their existing software / spreadsheets or to develop utilities to harness the Maltapark advertising platform in an automated fashion without having to upload listings manually.

This first version of the API includes the basic functionality that we have identified as being important for business users. We will be adding further methods to the API as the need arises. If there is any method you think would be useful, please let us know and it will be considered for inclusion.

1.1 Getting Started

In .NET, a web reference can be created to ***https://www.maltapark.com/api/api.svc*** which gives direct and easy access to the methods in the API.

To utilise the API, an API key is required. To obtain an API key, visit ***https://www.maltapark.com/api***. The API key is unique to a particular user and should be kept secret.

The basis of the Maltapark API is a web service based on the SOAP protocol. As such, it can be used through most development platforms given the appropriate WSDL definition which can be found at: ***https://www.maltapark.com/api/api.svc?WSDL***

There are charges associated with listings created using the Maltapark API. Please refer to: https://www.maltapark.com/api for further details.

1.2 API Test Mode

By default, when you first request your API key, your API mode is set to “Test Mode”. API Test Mode allows you to test the API in your software applications without contaminating the live Maltapark listings with test listings, and without incurring any API costs.

When you are done testing your use of the API and you are ready to start creating real live listings using the API, you can switch off Test Mode from the “My Details” page.

Listings created with the API when Test Mode is off, do not have any limitations and behave like normal listings created manually through the website.

Listings created when API Test Mode is on are only intended to verify that the API call is being executed successfully and therefore such listing have a limited feature set compared to normal API listings. The differences are:

- Free to list
- No description
- Only visible when API user is logged on. Not visible to other users (either through search, browsing or direct link)

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- Deleted after 24 hours
- If an image is uploaded through API, the image is replaced by a placeholder image
- Cannot edit details, edit photos or apply premium options to listing through website. Report abuse, watch listing, Facebook “Like” operations not available.
- Maximum of 50 test listings at a given time

You can view listings created in API Test Mode from “My Listings” by selecting the “API Test Mode” radio button. If this option is not available on your “My Listings” page, this means you do not have any Test Mode listings (it could also mean you had Test Mode listings and they have been deleted by the system after the 24-hour time window).

API Listings created when Test Mode is off are listed with the normal listings and not under “API Test Mode”

Only listings created when Test Mode is on will be tagged as test listings.

Even though Test Mode is on, you can still perform API actions on your other live listings, so due care should be taken.

All testing should be done in API Test Mode. You should only turn off Test Mode when you are ready to start listing genuine listings.

Any user found listing test listings with Test Mode OFF, may be suspended.

1.3 Typical Usage Pattern

The API makes use of the concept of a session. A session represents a batch job that includes all the API operations the user would like to perform. The first operation of an API job would therefore be to call *StartSession* to obtain a unique identifier for the session (Session UID). This Session UID is required for almost all of the subsequent API calls.

A typical usage pattern would be as follows:

1. Call *StartSession* with your site credentials (username, password and API key) to obtain a Session UID;
2. Call the various API methods such as *AddListing*, *AddListingImage*, *GetListings* etc.;
3. Call the *EndSession* method.

Do not forget to call the *EndSession* method at the end of your API operations.

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1.4 Example

The example below is coded in C# .NET. It adds a listing to the Classifieds/Books category. Please follow the steps below to set up this example.

1. Create a new project and add a service reference to https://www.maltapark.com/api/api.svc, assigning it to a namespace called “Maltapark”.
2. Modify the following three entries in your app.config file (changes highlighted):

```
<basicHttpBinding>
   <binding name="BasicHttpBinding_MPAPI" closeTimeout="00:01:00"
            openTimeout="00:01:00" receiveTimeout="00:10:00"
            sendTimeout="00:01:00"
            allowCookies="false" bypassProxyOnLocal="false"
            hostNameComparisonMode="StrongWildcard"
            maxBufferSize="10485760" maxBufferPoolSize="524288"
            maxReceivedMessageSize="10485760" messageEncoding="Text"
            textEncoding="utf-8" transferMode="Buffered"
            useDefaultWebProxy="true">

            <readerQuotas maxDepth="32" maxStringContentLength="8192"
                  maxArrayLength="10485760" maxBytesPerRead="4096"
                  maxNameTableCharCount="16384" />

            <security mode="None">
                  <transport clientCredentialType="None"
                        proxyCredentialType="None" realm="" />
                  <message clientCredentialType="UserName"
                        algorithmSuite="Default" />
            </security>
    </binding>
</basicHttpBinding>
```

3. Determine an appropriate location and calling mechanism for the source code below:

```
private const String Success = "Success";

// Hardcoded credentials
private const String APIKey = "XXXXXX";
private const String Username = "YYYYYY";
private const String Password = "ZZZZZZ";

private void AddBookListing()
{
     MPAPIClient api = new MPAPIClient();
     Guid SessionUID = Guid.Empty;
     string ret;

     // API Call - StartSession
     ret = api.StartSession(Username, Password, APIKey, ref SessionUID);

     if (ret == Success)
```

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```
        {
                ItemBasic ItemDef = new ItemBasic();
                InitListing(ref ItemDef);
                long ItemID = 0;

                // API Call - AddListing
                ret = api.AddListing(APIKey, SessionUID, ref ItemID, ItemDef);

                if (ret == Success && ItemID > 0)
                {
                        // Hardcoded image details
                        string Path = "../../SampleImages/myimage.jpg";
                        System.IO.FileStream Stream = new System.IO.FileStream(Path,
    System.IO.FileMode.Open);
                        int Length = (int)Stream.Length;
                        byte[] Buffer = new byte[Length];
                        Stream.Read(Buffer, 0, Length);
                        Stream.Close();

                        Maltapark.Image ImageDef = new Maltapark.Image();
                        ImageDef.Buffer = Buffer;
                        ImageDef.BufferLength = Length;
                        ImageDef.ImageIndex = 0;
                        ImageDef.ImageType = Maltapark.ImageType.Jpg;

                        // API Call - AddListingImage
                        ret = api.AddListingImage(APIKey, SessionUID, ItemID,
    ImageDef);
                }

                // API Call - End Session
                ret = api.EndSession(APIKey, SessionUID);
        }
    }

    public void InitListing(ref ItemBasic ItemDef)
    {
        // Hardcoded listing details
        ItemDef.SectionID = 1;                // Classifieds
        ItemDef.CategoryID = 5;               // Books
        ItemDef.IsWanted = false;
        ItemDef.Title = "My Book Title";      // required
        ItemDef.Desc = "My Book Description";  // required
        ItemDef.Price = 1.25f;
        ItemDef.ContactTel = "21111111";      // required
        ItemDef.AllowOffers = false;
        ItemDef.AcceptPX = false;
        ItemDef.ItemCondition = 1;            // >0 required
        ItemDef.DetailedCondition = 0;
    }
```

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2. Methods

Common parameters used throughout the API:

APIKey: As previously described

SessionUID: As previously described

ItemID: The Maltapark item number that is seen on the website. This identifies a particular listing in API calls.

API Methods:

Name	Description
AddAdditionalListingParameters	Allows the client to optionally specify additional parameters for certain categories of listings.
AddListing	Adds a listing to the database.
AddListingImage	Adds an image to a particular listing.
DeleteListings	Deletes one or more of the user's listings.
DeleteListingsByType	Deletes one or more of the user's listings.
EndSession	Ends an API session.
GetBalance	Obtains the current user balance.
GetCarMakes	Obtains a list of car makes.
GetCarModels	Obtains a list of car models for a given car make.
GetCategories	Obtain a list of categories for a particular Section from the database.
GetCategoryName	Gets the name of the category specified by Category ID
GetListings	Obtains a list of listing IDs for the user. If SectionID is greater than 0, only the listings in that particular Section are returned. If SectionID and CategoryID are both greater than 0, only the listings in that particular Category are returned.
GetLocalities	Obtains a list of localities.
GetSectionName	Gets the name of the Section specified by the given Section ID
GetSections	Obtains a list of sections in the database.
StartSession	Creates an API session. This method is to be called once at the beginning of an API session. A session represents a collection of operations that may include a variety of other API calls. Once the session is completed call the method *EndSession*.

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2.1 Method: AddAdditionalListingParameters

Description

Allows the client to optionally specify additional parameters for certain categories of listings. The Item ID is the Maltapark item number.

.NET Usage

string ***AddAdditionalListingParameters*** (

string *APIKey*,

System.Guid *SessionUID*,

long *ItemID*,

ItemAdditionalParams *Params*

);

Parameters

Name	Type	Direction	Description
APIKey	string	Input	
SessionUID	guid	Input	
ItemID	long	Input	
Params	***ItemAdditionalParams***	Input	See Appendix A.

Returns

A ResultString element (Appendix B).

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2.2 Method: AddListing

Description

Adds a listing to the database.

.Net Usage

string **AddListing** (

string *APIKey*,

System.Guid *SessionUID*,

ref long *ItemID*,

ItemBasic *ItemDef*

);

Parameters

Name	Type	Direction	Description
APIKey	string	Input	
SessionUID	guid	Input	
ItemID	long	Output	Item number of listing that has been created.
ItemDef	***ItemBasic***	Input	Defines the listing information. See Appendix A.

Returns

A ResultString element (Appendix B).

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2.3 Method: AddListingImage

Description

Adds an image to a particular listing.

.NET Usage

string **AddListingImage** (

string *APIKey*,

System.Guid *SessionUID*,

long *ItemID*,

Image *ImageDef*

);

Parameters

Name	Type	Direction	Description
APIKey	string	Input	
SessionUID	guid	Input	
ItemID	long	Input	
ImageDef	***Image***	Input	Defines the details of the image.

Returns

A ResultString element (Appendix B).

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2.4 Method: DeleteListings

Description

Deletes one or more of the user's listings.

.NET Usage

```
string DeleteListings (
    string APIKey,
    System.Guid SessionUID,
    ref System.Collections.Generic.List<long> ListingIDs
    );
```

Parameters

Name	Type	Direction	Description
APIKey	string	Input	
SessionUID	guid	Input	
ListingIDs	ArrayOflong	Input	The item numbers of the listings to be deleted.

Returns

A ResultString element (Appendix B).

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2.5 Method: DeleteListingsByType

Description

Deletes the user listings filtered by section, category and listing type.

.NET Usage

```
string DeleteListingsByType (
    string APIKey,
    System.Guid SessionUID,
    long SectionID,
    long CategoryID,
    bool IncludeNonAPI,
    bool IncludeLiveAPI,
    bool IncludeTestAPI
    );
```

Parameters

Name	Type	Direction	Description
APIKey	string	Input	
SessionUID	guid	Input	
SectionID	long	Input	-1 to ignore or the ID of the Section of listings to delete. See Appendix B.
CategoryID	long	Input	-1 to ignore or the ID of the Category of listings to delete. See Appendix B.
IncludeNonAPI	boolean	Input	Delete non-API listings (i.e. manually created listings on the website).
IncludeLiveAPI	boolean	Input	Delete API listings created when not in Test Mode
IncludeTestAPI	boolean	Input	Delete API listings created when in Test Mode.

Returns

A ResultString element (Appendix B).

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2.6 Method: EndSession

Description

Ends an API session.

.NET Usage

string **EndSession** (

string *APIKey*,

System.Guid *SessionUID*

);

Parameters

Name	Type	Direction	Description
APIKey	String	Input	
SessionUID	Guid	Input	

Returns

A ResultString element (Appendix B).

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2.7 Method: GetBalance

Description

Obtains the current user balance.

.NET Usage

string **GetBalance** (

string *APIKey*,

System.Guid *SessionUID*,

float *Balance*

);

Parameters

Name	Type	Direction	Description
APIKey	string	Input	
SessionUID	guid	Input	
Balance	float	Output	

Returns

A ResultString element (Appendix B).

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2.8 Method: GetCarMakes

Description:

Returns a list of car makes (used with *AddAdditionalListingsParameters*).

.NET Usage:

```
string GetCarMakes (
    ref System.Collections.Generic.List<string> CarMakes
    );
```

Parameters

Name	Type	Direction	Description
CarMakes	ArrayOfstring	Output	

Returns

A ResultString element (Appendix B).

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2.9 Method: GetCarModels

Description:

Returns a list of car models for a given car make (used with *AddAdditionalListingParameters*)

.NET Usage:

```
string GetCarModels (
    string CarMake,
    ref System.Collections.Generic.List<string> CarModels
    );
```

Parameters

Name	Type	Direction	Description
CarMake	String	Input	
CarModels	ArrayOfstring	Output	

Returns

A ResultString element (Appendix B).

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2.10 Method: GetCategories

Description

Obtain a list of category definitions for a particular section from the database.

.NET Usage

string **GetCategories** (

long *SectionID*,

ref System.Collections.Generic.List<Category> *Categories*,

);

Parameters

Name	Type	Direction	Description
SectionID	Long	Input	
Categories	ArrayOfcategory	Output	For definition of Category element, see Appendix A.

Returns

A ResultString element (Appendix B).

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2.11 Method: GetCategoryName

Description

Gets the name of the category specified by Category ID

.NET Usage

string **GetCategoryName** (

long *CategoryID*,

string *CategoryName*

);

Parameters

Name	Type	Direction	Description
CategoryID	long	Input	
CategoryName	string	Output	

Returns

A ResultString element (Appendix B).

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2.12 Method: GetListings

Description

Obtains a list of listing IDs for the user. If SectionID is greater than 0, only the listings in that particular Section are returned. If SectionID and CategoryID are both greater than 0, only the listings in that particular Category are returned.

.NET Usage

```
string GetListings (
    string APIKey,
    System.Guid SessionUID,
    long SectionID,
    long CategoryID,
    bool IncludeNonAPI,
    bool IncludeLiveAPI,
    bool IncludeTestAPI,
    ref System.Collections.Generic.List<long> ListingIDs
    );
```

Parameters

Name	Type	Direction	Description
APIKey	string	Input	
SessionUID	guid	Input	
SectionID	long	Input	-1 to ignore or the ID of the Section of listings to include. See Appendix B.
CategoryID	long	Input	-1 to ignore or the ID of the Category of listings to include. See Appendix B.
IncludeNonAPI	bool	Input	Include non-API listings (i.e. manually created listings on the website).
IncludeLiveAPI	bool	Input	Include API listings created when not in Test Mode
IncludeTestAPI	bool	Input	Include API listings created when in Test Mode.
ListingIDs	ArrayOflong	Output	

Returns

A ResultString element (Appendix B).

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2.13 Method: GetLocalities

Description

Gets a list of locality definitions (used in additional parameters for property listings).

.NET Usage

```
string GetLocalities (
    ref System.Collections.Generic.List<Locality> Localities;
    };
```

Parameters

Name	Type	Direction	Description
Localities	ArrayOflocality	Output	For definition of Locality element see Appendix A.

Returns

A ResultString element (Appendix B).

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2.14 Method: GetSectionName

Description

Gets the name of the Section specified by the given Section ID

.NET Usage

string **GetSectionName** (

long *SectionID*,

string *SectionName*

);

Parameters

Name	Type	Direction	Description
SectionID	long	Input	
SectionName	string	Output	

Returns

A ResultString element (Appendix B).

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2.15 Method: GetSections

Description

Obtain a list of section definitions from the database.

.NET Usage

string **GetSections** (

ref System.Collections.Generic.List<Section> *Sections*

);

Parameters

Name	Type	Direction	Description
Sections	ArrayOfsection	Output	For definition of Section element, see Appendix A.

Returns

A ResultString element (Appendix B).

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2.16 Method: StartSession

Description

Creates an API session. This method is to be called once at the beginning of an API session. A session represents a collection of operations that may include a variety of other API calls.

Once the session is completed call the method *EndSession*.

.NET Usage

string **StartSession** (

string *Username*,

string *Password*,

string *APIKey*,

System.Guid *SessionUID*

);

Parameters

Name	Type	Direction	Description
Username	string	Input	
Password	string	Input	
APIKey	string	Input	
SessionUID	guid	Output	The session UID that is required for other API calls.

Returns

A ResultString element (Appendix B).

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3. Appendix A - Types

Types used in this API:

Name	Description
Section	Defines information related to a section.
Category	Defines information related to a category.
Locality	Defines information related to a locality.
Image	Defines information related to a listing image.
ItemAdditionalParams	This type represents additional information for a listing. The interpretation of each of the variables in this type varies according to the category of listing.
ItemBasic	Defines information related to a listing.

3.1 Complex Type: Section

.NET Type

```
public class Section {
    public long ID;
    public string Section;
  }
```

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
ID	long	1..1	The unique ID of the section.
Section	string	1..1	The section name.

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3.2 Complex Type: Category

.NET Type

```
public class Category {
    public long ID;
    public string Category;
  }
```

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
ID	long	1..1	The unique ID of the category.
Category	string	1..1	The category name.

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3.3 Complex Type: Locality

.NET Type

```
public class Locality {
    public long ID;
    public string Locality;
  }
```

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
ID	long	1..1	The unique ID of the locality.
Locality	string	1..1	The locality name.

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3.4 Complex Type: Image

.NET Type

```
public class Image {
    public ImageType ImageType;
    public byte[ ] Buffer;
    public int BufferLength;
    public byte ImageIndex;
  }

 public enum ImageType : int {
    None = 0,
    Jpg = 1,
    Gif = 2,
    Png = 3,
    Bmp = 4,
  }
```

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
Buffer	base64Binary	1..1	The bytes of image data.
BufferLength	int	1..1	The length of the buffer in bytes.
ImageIndex	unsignedByte	1..1	Denotes the index of the image in the image list. If the listing allows only one image, a value of 0 is required.
ImageType	ImageType	1..1	A type representing the image format.

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3.5 Complex Type: ItemAdditionalParams

Description

This type represents additional information for a listing. The interpretation of each of the variables in this type varies according to the category of listing. For details on the interpretation of each variable please refer to Appendix C.

.NET Type

```
public class ItemAdditionalParams {
    public int N1;
    public int N2;
    public int N3;
    public int N4;
    public int N5;
    public int N6;
    public int N7;
    public int N8;
    public string S1;
    public string S2;
    public string S3;
}
```

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
N1	int	1..1	
N2	int	1..1	
N3	int	1..1	
N4	int	1..1	
N5	int	1..1	
N6	int	1..1	
N7	int	1..1	
N8	int	1..1	
S1	string	1..1	
S2	string	1..1	
S3	string	1..1	

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3.6 Complex Type: ItemBasic

.NET Type

```
public class ItemBasic {
        public long SectionID;
        public long CategoryID;
        public bool IsWanted;
        public string Title;
        public string Desc;
        public float Price;
        public string ContactTel;
        public bool AllowOffers;
        public bool AcceptPX;
        public int ItemCondition;
        public int DetailedCondition;
        }
```

Content Model

Contains elements as defined in the following table.

Component	Type	Occurs	Description
SEQUENCE		1..1	
AcceptPX	Boolean	1..1	"true" if the seller allows part-exchange offers.
AllowOffers	Boolean	1..1	"true" if the seller allows lower value offers.
CategoryID	Long	1..1	See Appendix B.
ContactTel	String	1..1	Contact Telephone Number
Desc	String	1..1	Description
DetailedCondition	Int	1..1	See Appendix B
IsWanted	Boolean	1..1	"true" if the listing is a "wanted" listing, rather than a "for sale" listing.
ItemCondition	Int	1..1	See Appendix B
Price	Float	1..1	The asking price of the listing.
SectionID	Long	1..1	See Appendix B.
Title	String	1..1	

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4. Appendix B – Constants

4.1 Return Value: ResultString (string)

String	Meaning
Success	The API call completed successfully
AuthenticationFailed	The credentials supplied are incorrect or there is an issue with your account. Please try to login using the website to verify that the credentials you are supplying are correct and that there is no issue with your account. Also check that the API key you are using is correct (copy and paste it to ensure no errors are made).
UserNotActivated	You have not activated your account. Please activate your account using the activation link in the email we sent you or use the “Forgot Password” feature to obtain another activation email.
DatabaseError	An internal database error has occurred. If the issue persists please contact us with specific information so that we can assist further.
InvalidSectionOrCategory	The Section ID or Category ID or combination of SectionID and CategoryID are incorrect.
UserSuspended	Your account is currently suspended. Please attempt to login using the website to determine the reason for the suspension and resolve this.
NotEnoughFunds	You are trying to call an API call that has an associated charge but there aren’t enough funds in your account. Please topup your account from the website to resolve this.
InvalidUsernameOrSessionUID	The username or session UID provided are not valid.
InvalidValueForParameter	One of the supplied parameters has an invalid value. The parameter causing the issue is sometimes specified in this error in the format “InvalidValueForParameter: ParameterName”
NotOwnItem	You are trying to call an API function that operates on an Item ID that does not belong to the API caller.
ImageProcessingFailed	There has been an error processing an image. Please check that the image file is valid.
TermsExpired	We have made changes to the API terms and/or charges. Please visit: ***https://www.maltapark.com/api*** to accept the new terms and re-gain access to the API.
TestLimitExceeded	The maximum number of listings allowed in API Test Mode has been exceeded. Delete your test mode listings using *DeleteListingsByType* or from the “My Listings” page.
Unknown	The call failed for an unknown reason. If this issue persists, please contact us with specific information so that we can look into this.

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4.2 Parameter: SectionID (long)

Note: Where possible, it is suggested to use the *GetCategories()* API call to cache the list to a list variable. This ensures your application is always in sync with our data.

SectionID	Section
1	Classifieds & Buy Now
2	Cars & Parts
3	Property
4	Jobs

4.3 Parameter: CategoryID (long)

Note: Where possible, it is suggested to use the *GetCategories()* API call to cache the list to a list variable. This ensures your application is always in sync with our data.

SectionID	CategoryID	Category
1	2	Antiques
1	3	Art
1	4	Baby
1	5	Books
1	6	Business & Industrial
1	7	Cameras & Photo
1	10	Clothing & Accessories
1	12	Collectibles
1	13	Computers & Office
1	14	Consumer Electronics
1	15	Dolls & Bears
1	16	DVDs & Movies
1	18	Food & Wine
1	19	Gifts & Occasions
1	20	Health & Beauty
1	21	Hobbies & Crafts
1	22	Home Appliances
1	23	Home & Furniture
1	24	Jewelry, Gems, Watches
1	26	Motorcycles
1	27	Music & Instruments
1	29	Networking & Telecom
1	30	PDAs
1	31	Pet Supplies
1	32	Pottery & Glass
1	35	Sporting Goods
1	36	Sports Memorabilia
1	37	Stamps

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1	38	Toys
1	39	Travel
1	40	TV
1	41	Video Games
1	42	Everything Else
1	43	Marine
1	44	Services & Trades
2	181	Cars
2	182	Vans & Trucks
2	183	Vehicle Parts
3	246	Short / Holiday Lets
3	247	Long Lets
3	248	Property For Sale
4	1501	Accounting
4	1502	Admin & Clerical
4	1503	Automotive
4	1504	Banking
4	1505	Biotech & Health Care
4	1506	Business Development
4	1507	Business Opportunity
4	1508	Construction
4	1509	Consultant
4	1510	Customer Service
4	1511	Design
4	1512	Distribution & Shipping
4	1513	Education
4	1514	Engineering
4	1515	Entry Level
4	1516	Executive
4	1517	Facilities
4	1518	Finance
4	1519	Franchise
4	1520	General Business
4	1521	General Labor
4	1522	Government
4	1523	Grocery
4	1524	Hospitality & Hotel
4	1525	Human Resources
4	1526	Information Technology
4	1527	Installation / Maint / Repair
4	1528	Insurance
4	1529	Inventory
4	1530	Legal
4	1531	Legal Admin
4	1532	Management
4	1533	Manufacturing
4	1534	Marketing

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4	1535	Media / Journalism / Newspaper
4	1536	Nonprofit & Social Services
4	1537	Nurse
4	1538	Other
4	1539	Pharmaceutical
4	1540	Professional Services
4	1541	Purchasing & Procurement
4	1542	QA
4	1543	Quality Control
4	1544	Real Estate
4	1545	Research
4	1546	Restaurant & Food Service
4	1547	Retail
4	1548	Sales
4	1549	Science
4	1550	Skilled Labor & Trades
4	1551	Strategy / Planning
4	1552	Supply Chain
4	1553	Telecommunications
4	1554	Training
4	1555	Transportation
4	1556	Veterinary Services
4	1557	Warehouse

4.4 Parameters: ItemCondition, DetailedCondition (int)

Item Condition		**Detailed Condition**	
Value	**Meaning**	**Value**	**Meaning**
0	Not Applicable	(N/A)	(N/A)
1	New	(N/A)	(N/A)
2	Used	1	Used – Excellent Condition
		2	Used – Good Condition
		3	Used – Poor Condition

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5. Appendix C – Item Additional Parameters

Additional Item Parameters are currently used with the “Cars & Parts” section and with the “Property” sections. The meaning of each parameter differs by section.

The N1...N8 parameters are integers. The S1...S3 parameters are strings.

5.1 Additional Parameters : Property

Parameter	Parameter Name	Possible Values & Meaning
N1	Property Type	-1=Not Specified, 1=Flat, 2=Maisonette, 3=Terraced, 4=Semi-Detached, 5=Detached, 6=House of character, 7=Offices, 8=Business Outlet or Shop, 9=Industrial, 10=Other Commercial, 20=Plot, 21=Land (ODZ), 99=Other
N2	Number of Bedrooms	-1=Not Specified, 0 ... 6 = bedrooms
N4	Garden / Yard	-1=Not Specified, 1=No,2=Yes,9=Not Applicable
N5	Level of Finish	-1=Not Specified, 1=Site/Land, 2=Shell, 3=Semi-Finished, 4=Finished, 5=Furnished, 99=Other
N6	Pool	-1=Not Specified, 1=No, 2=Yes
S1	Locality	See below or use the *GetLocalities()* API call. Note: Where possible, it is suggested to use the API call to cache the list to a list variable. This ensures your application is always in sync with our data.

Locality Value (See above)	
Value	**Locality**
1	Attard
2	Balzan
3	Birgu
4	Birkirkara
5	Birzebbugia
6	Bormla
7	Dingli
8	Fgura
9	Floriana
10	Fontana
11	Ghajnsielem
12	Gharb
13	Gharghur
14	Ghasri
15	Ghaxaq
16	Gudja
17	Gzira
18	Hamrun
19	Iklin
20	Isla
21	Kalkara
22	Kercem
23	Kirkop
24	Lija
25	Luqa
26	Marsa
27	Marsascala
28	Marsaxlokk
29	Mdina
30	Mellieha

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31	Mgarr
32	Mosta
33	Mqabba
34	Msida
35	Mtarfa
36	Munxar
37	Nadur
38	Naxxar
39	Paola
40	Pembroke
41	Pieta'
42	Qala
43	Qormi
44	Qrendi
45	Rabat (Gozo)
46	Rabat (Malta)
47	Safi
48	San Giljan
49	San Gwann
50	San Lawrenz
51	Sannat

52	San Pawl il-Bahar
53	Santa Lucija
54	Santa Venera
55	Siggiewi
56	Sliema
57	Swieqi
58	Tarxien
59	Ta' Xbiex
60	Valletta
61	Xaghra
62	Xewkija
63	Xghajra
64	Zabbar
65	Zebbug (Gozo)
66	Zebbug (Malta)
67	Zejtun
68	Zurrieq
71	Brighton
72	Bugibba
73	Qawra
74	*Outside Malta

5.2 Additional Parameters : Cars & Parts

Parameter	Parameter Name	Possible Values & Meaning
N1	Year of Registration	-1=Not Specified, 1800 or greater
N2	Fuel Type	-1=Not Specified, 0=Petrol, 1=Diesel, 2=Electric, 3=Hybrid
N3	Mileage (miles)	-1=Not Specified, 0 or greater = mileage
N4	Number of doors	-1=Not Specified, 3, 4, 5
N5	Engine capacity (cc)	-1=Not Specified, 100 or greater = capacity
N6	Transmission Type	-1=Not Specified, 0=Manual, 1=Automatic, 2=Semi-Automatic
N7	Imported Status	-1=Not Specified, 0=No, 1=UK Import, 2=Japan Import, 99=Other Import
S1	Car Make	Refer to: https://www.maltapark.com/api/car_models.xls or use *GetCarMakes()* and *GetCarModels()* API calls. Note: Where possible, it is suggested to use the API call to cache the list to a list variable. This ensures your application is always in sync with our data.
S2	Car Model	

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