
Python Amazon Simple Product API Documentation

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Python Amazon Simple Product API

class `amazon.api.AmazonCart` (*parsed_response*)
Wrapper around Amazon shopping cart. Allows iterating over Items in the cart.

exception `amazon.api.AmazonException`
Base Class for Amazon Api Exceptions.

class `amazon.api.AmazonProduct` (*item, aws_associate_tag, api, *args, **kwargs*)
A wrapper class for an Amazon product.

actors
Movie Actors.
Returns A list of actors names.

asin
ASIN (Amazon ID)
Returns ASIN (string).

author
Author. Deprecated, please use *authors*.
Returns Author (string).

authors
Authors.
Returns Returns of list of authors

availability
Availability
Returns Availability (string).

availability_max_hours
`AvailabilityAttributes.MaximumHours`
Returns MaximumHours (string).

availability_min_hours
`AvailabilityAttributes.MinimumHours`
Returns MinimumHours (string).

availability_type
`AvailabilityAttributes.AvailabilityType`
Returns AvailabilityType (string).

binding

Binding.

Returns Binding (string)

brand

Brand.

Returns Brand (string)

browse_nodes

Browse Nodes.

Returns A list of AmazonBrowseNode objects.

color

Color.

Returns Color (string)

creators

Creators.

Creators are not the authors. These are usually editors, translators, narrators, etc.

Returns

Returns a list of creators where each is a tuple containing:

1. The creators name (string).
2. The creators role (string).

detail_page_url

DetailPageURL.

Returns DetailPageURL (string)

directors

Movie Directors.

Returns A list of directors for a movie.

ean

EAN.

Returns EAN (string)

edition

Edition.

Returns Edition (string)

editorial_review

Editorial Review.

Returns an editorial review text.

Returns Editorial Review (string)

editorial_reviews

Editorial Review.

Returns a list of all editorial reviews.

Returns

A list containing:

Editorial Review (string)

eisbn

EISBN (The ISBN of eBooks).

Returns EISBN (string)

features

Features.

Returns a list of feature descriptions.

Returns Returns a list of 'ItemAttributes.Feature' elements (strings).

formatted_price

FormattedPrice.

Returns FormattedPrice (string)

genre

Movie Genre.

Returns The genre of a movie.

get_attribute (*name*)

Get Attribute

Get an attribute (child elements of 'ItemAttributes') value.

Parameters **name** – Attribute name (string)

Returns Attribute value (string) or None if not found.

get_attribute_details (*name*)

Get Attribute Details

Gets XML attributes of the product attribute. These usually contain details about the product attributes such as units.

Parameters **name** – Attribute name (string)

Returns A name/value dictionary.

get_attributes (*name_list*)

Get Attributes

Get a list of attributes as a name/value dictionary.

Parameters **name_list** – A list of attribute names (strings).

Returns A name/value dictionary (both names and values are strings).

get_parent ()

Get Parent.

Fetch parent product if it exists. Use *parent_asin* to check if a parent exist before fetching.

Returns An instance of *AmazonProduct* representing the parent product.

images

List of images for a response. When using lookup with ResponseGroup 'Images', you'll get a list of images. Parse them so they are returned in an easily used list format.

Returns A list of *ObjectifiedElement* images

is_adult

IsAdultProduct.

Returns IsAdultProduct (string)

is_preorder

IsPreorder (Is Preorder)

Returns IsPreorder (string).

isbn

ISBN.

Returns ISBN (string)

label

Label.

Returns Label (string)

languages

Languages.

Returns a set of languages in lower-case.

Returns Returns a set of languages in lower-case (strings).

large_image_url

Large Image URL.

Returns Large image url (string)

list_price

List Price.

Returns

A tuple containing:

1. Decimal representation of price.
2. ISO Currency code (string).

manufacturer

Manufacturer.

Returns Manufacturer (string)

medium_image_url

Medium Image URL.

Returns Medium image url (string)

model

Model Name.

Returns Model (string)

mpn

MPN.

Returns MPN (string)

offer_id

Offer ID

Returns Offer ID (string).

offer_url

Offer URL

Returns Offer URL (string).

pages

Pages.

Returns Pages (string)

parent_asin

Parent ASIN.

Can be used to test if product has a parent.

Returns Parent ASIN if product has a parent.

part_number

Part Number.

Returns Part Number (string)

price_and_currency

Get Offer Price and Currency.

Return price according to the following process:

- If product has a sale return Sales Price, otherwise,
- Return Price, otherwise,
- Return lowest offer price, otherwise,
- Return None.

Returns

A tuple containing:

1. Decimal representation of price.
2. ISO Currency code (string).

product_group

ProductGroup.

Returns ProductGroup (string)

product_type_name

ProductTypeName.

Returns ProductTypeName (string)

publication_date

Pubdate.

Returns Pubdate (datetime.date)

publisher

Publisher.

Returns Publisher (string)

release_date

Release date .

Returns Release date (datetime.date)

reviews

Customer Reviews.

Get a iframe URL for customer reviews.

Returns A tuple of: has_reviews (bool), reviews url (string)

running_time

RunningTime.

Returns RunningTime (string)

sales_rank

Sales Rank

Returns Sales Rank (integer).

sku

SKU.

Returns SKU (string)

small_image_url

Small Image URL.

Returns Small image url (string)

studio

Studio.

Returns Studio (string)

tiny_image_url

Tiny Image URL.

Returns Tiny image url (string)

title

Title.

Returns Title (string)

upc

UPC.

Returns UPC (string)

class `amazon.api.AmazonSearch` (*api, aws_associate_tag, **kwargs*)

Amazon Search.

A class providing an iterable over amazon search results.

iterate_pages ()

Iterate Pages.

A generator which iterates over all pages. Keep in mind that Amazon limits the number of pages it makes available.

Returns Yields lxml root elements.

exception `amazon.api.AsinNotFound`

ASIN Not Found Exception.

exception `amazon.api.BrowseNodeLookupException`

Browse Node Lookup Exception.

exception `amazon.api.CartException`

Cart related Exception

exception `amazon.api.CartInfoMismatchException`

HMAC, CartId and AssociateTag did not match

exception `amazon.api.LookupException`

Lookup Exception.

exception `amazon.api.NoMorePages`

No More Pages Exception.

exception `amazon.api.RequestThrottled`

Exception for when Amazon has throttled a request, per: <http://docs.aws.amazon.com/AWSECommerceService/latest/DG/ErrorNu>

exception `amazon.api.SearchException`

Search Exception.

exception `amazon.api.SimilarityLookupException`

Similarity Lookup Exception.

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