

Expedia Tnooz User Guides

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Expedia Hotel Search API

Overview

Expedia's Hotel Search API provides ability to search for hotels and get back hotel information along with the pricing and availability information for each hotel. It's a HTTP RESTful API with responses being returned in JSON or XML format.

API Endpoint

Searching without Dates

`http://terminal2.expedia.com/ews/rest/hotel/v1/search?key=ch6wK6mAy9y6A0dwO08pmMWEDpGk5zUQ&location=37.7833,-122.4194&radius=5mi`

[Dateless search example](#)

Searching with Dates

`http://terminal2.expedia.com/ews/rest/hotel/v1/search?dates=2014-11-16,2014-11-17&key=ch6wK6mAy9y6A0dwO08pmMWEDpGk5zUQ&location=37.7833,-122.4194&radius=5mi`

[Dated search example](#)

Request Parameters

Hotel Selection Parameters

These parameters identify the set of hotels to search. At least one of these parameters is required in order to identify the hotels desired in the response. When more than one parameter is included in the request, the union of all identified hotels will be searched.

Parameter Name	Example	Is Required	Description	Remark
location	40.714269,-74.005973	No	The composition of latitude and longitude values identifying the center point of a hotel search radius (circle). The latitude and longitude values are joined	When this parameter is used, the <i>radius</i> parameter is required.

			together with a comma (,) character.	
radius	10km	No	The size of the hotel search radius around the specified latitude and longitude, along with its associated unit of measure. The units default to kilometers if a value isn't provided in the composition. Valid units are <i>km</i> and <i>mi</i> .	Radius must be less than 200.0km/124.30081 miles. The radius only applies to the <i>location</i> parameter.

Search Details Parameters

Parameter Name	Example	Is Required	Description	Remark
dates	2011-01-19,2011-01-20	no	Comma separated list of check-in/check-out dates for hotel stay in an ISO 8601 Date format [YYYY-MM-DD]. If this parameter is not included, a dateless search will be conducted which returns a featured offer for each of the hotels found.	Max advance search window is 330 days.
currency	USD	no	Value should be a standard ISO 3 letter currency code, e.g. CAD - Canadian dollar, USD - US dollar. If not specified for dated searches, USD will be returned. If not specified for dateless searches, the pos native currency will be returned.	

adults	2,1	no	Comma-separated list that specifies the number of adults staying in each of the rooms to be requested. Example: adults=2,2,2,2 (four rooms with two adults in each room)	Default value will be 2 if not specified. It indicates only one room is required and there are two adults staying in the room. Up to 8 rooms can be requested at a time.
childages#	6,9	no	Comma-separated list that specifies the age(s) for each of the children in a room. '#' indicates the room number, e.g. childages2=1,3 means two children (1-year old and 3-year old) are staying in room #2.	1. Valid age range is from 0 to 17. 2. '#' can be an integer between 1 and 8 (max 8 rooms). 3. childages represents the same meaning as childages1. 4. childages and childages1 CANNOT be specified simultaneously.
sort	price	no	Specifies the sort order for the search results. Results can be sorted by price, star rating (starrating) or guest rating (guestrating).	Supported values: price, starrating and guestrating
Order	Desc	no	Specifies the sort order of search results. The sort order can be desc or asc. If no sort order is specified, the default is asc.	
include	address, geolocation, description, thumbnailurl, remainingcount, amenitylist, roomtypedescription	no	Comma separated list of the fields to be included in the response.	<i>include</i> and <i>exclude</i> cannot be present simultaneously. When include is specified, all optional fields are not returned except those in the include list.

exclude	address, geolocation, description, thumbnailurl, remainingcount, amenitylist, roomtypedescription	no	Comma separated list of the fields to be excluded from the response.	<i>include</i> and <i>exclude</i> cannot be present simultaneously. When <i>exclude</i> is specified, all optional fields are returned except those in the <i>exclude</i> list.
format	Json	no	The requested format of the REST response which defaults to xml if no value is specified in the REST URL. Valid format parameters are json and xml.	
allroomtypes	True	no	Boolean field to toggle between all room types and the lowest priced room type. "false"(default value) represents only the room type with the lowest price will be returned, "true" represents all room types will be returned.	

Hotel Filtering Parameters

These parameters refine the result set by filtering out hotels which do not match the specified criteria.

Parameter Name	Example	Is Required	Description	Remark
stars	3.5	No	Minimum hotel star rating desired. Hotels with star ratings lower than the specified value are filtered from the results.	Allowed values are: 0, 1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5.
maxhotels	70	No	The number of hotels required to return.	Must be an integer value greater than 0. If the value is greater than 1000, only the first 1000 hotels are retrieved.
querytext	hilton, four seasons	No	Query text used for a full text search of hotel data.	Response may include hotels that do not contain

			Text search includes hotel name, chain, description, and other fields.	the <i>querytext</i> string in HotelInfo because some of the fields searched are not included in the response.
availonly	true	No	Specifies whether to return only available hotels in the search results.	If the value of this parameter is true, the hotels in the search results are all available. This parameter is ignored when a dateless search is performed.

Response Data Fields

Field	Example	Description
MatchingHotelCount	700	The total number of hotels matching the search criteria.
HotelCount	400	The number of hotels actually returned (depending on the <i>maxhotels</i> specified in the request). HotelCount will be less than or equal to MatchingHotelCount.
CheckInDate	2011-01-19	The initial day of the hotel stay in an ISO 8601 Date format [YYYY-MM-DD].
CheckOutDate	2011-01-20	The final day of the hotel stay in an ISO 8601 Date format [YYYY-MM-DD].
HotelID	14747	The unique, Expedia-specific hotel property identifier used for checking the price and availability for offerings of a given hotel.
Name	Four Seasons New York	The common name of the hotel.
StreetAddress	57 E 57th Street	The physical street address where the hotel property resides.
City	New York	The city where the hotel property resides.
Province	NY	The state or province where the hotel property resides.
Country	USA	The country where the hotel property resides.
Latitude	40.76213	The geographic coordinates of the hotel property based on a horizontal angular measurement relative to the equator.

Longitude	-73.97195	The geographic coordinates of the hotel property based on a vertical angular measurement relative to the universal Prime Meridian (Royal Observatory, Greenwich).
Description	see example below	A verbose description highlighting the hotel-specific attributes and summarizing the expected lodging experience of the traveler.
StatusCode	0	<p>Integer code to identify general category of hotel availability.</p> <p>0 = Available 1 = Not available 2 = Error 3 = This hotel does not allow the number of adults per room you requested. 4 = This hotel does not allow the number of children per room you requested. 5 = This hotel does not allow the number of infants per room you requested. 6 = This hotel does not allow the number of persons per room you requested. 7 = Minimum check in age is 12.</p>
StatusDescription	Available	Verbose description of hotel availability, especially useful for reporting the reason a property is not available for the requested stay window.
FeaturedOffer		The least expensive 3-day stay for 2 adult travelers at the hotel over approximately the next 30 days. Only returned if no dates are specified in the request. This data is only refreshed periodically (usually once per day), so it is more likely to be stale than the data for searches with dates.
FeaturedOffer/CheckInDate	2011-01-19	The initial day of the featured hotel stay in an ISO 8601 Date format [YYYY-MM-DD].
FeaturedOffer/LengthOfStay	3	The duration of the featured

		hotel stay. [YYYY-MM-DD].
FeaturedOffer/DetailsUrl	URL	Deeplink to Expedia hotel details page.
FeaturedOffer/Price/BaseRate/Value	695.00	The average rate for the featured hotel stay, for two guests in one room.
FeaturedOffer/Price/BaseRate/Currency	USD	The ISO 4217 Currency Code for BaseRate element. USD is the default currency code for this element.
FeaturedOffer/Price/TaxRcAndFees/Value	86.90	The average rate of taxes and fees for the featured hotel stay, for two guests in one room.
FeaturedOffer/Price/TaxRcAndFees/Currency	USD	The ISO 4217 Currency Code for TaxRcAndFees element. USD is the default currency code for this element.
FeaturedOffer/Price/TotalRate/Value	781.90	The average amount for the featured hotel stay, including taxes and fees, for two guests in one room.
FeaturedOffer/Price/TotalRate/Currency	USD	The ISO 4217 Currency Code for TotalRate element. USD is the default currency code for this element.
FeaturedOffer/Price/Promotion/Amount/Value	21.20	The average promotion amount for the featured hotel stay. This is the markdown price for the DRR (the difference between the standard rate and the discounted rate).
FeaturedOffer/Price/Promotion/Amount/Currency	USD	The ISO 4217 Currency Code for Promotion Amount element. USD is the default currency code for this element.
Price/BaseRate/Value	695.00	The price for the hotel stay for the least expensive room available, excluding taxes and fees.
Price/BaseRate/Currency	USD	The ISO 4217 Currency Code for BaseRate element. USD is the default currency code for this element.
Price/TaxRcAndFees/Value	86.90	The total rate of taxes and fees for the hotel stay for the least expensive room available.
Price/TaxRcAndFees/Currency	USD	The ISO 4217 Currency Code for TaxRcAndFees element. USD is the default currency

		code for this element.
Price/TotalRate/ Value	781.90	The total amount for the hotel stay for the least expensive room available, including all taxes and fees charged at the time of booking. Does not include mandatory fees charged by the hotel after check-in (see the HotelMandatoryTaxesAndFees field).
Price/TotalRate/ Currency	USD	The ISO 4217 Currency Code for TotalRate element. USD is the default currency code for this element.
HotelMandatoryTaxesAndFees/ Value	7.66	The total amount of the mandatory taxes and fees charged by the hotel after check-in for the least expensive room available. These are not collected by Expedia, and not included any of the other Price elements.
HotelMandatoryTaxesAndFees/ Currency	USD	The ISO 4217 Currency Code for HotelMandatoryTaxesAndFees element. USD is the default currency code for this element.
Promotion/Amount/ Value	21.20	The total promotion amount for the hotel stay for the least expensive room available. This is the markdown price for the rate (the difference between the standard rate and the discounted rate).
Promotion/Amount/ Currency	USD	The ISO 4217 Currency Code for Promotion Amount element. USD is the default currency code for this element.
Promotion/ Description	14-Day Advance Purchase Special (Nonrefundable)	The description text for the promotion for the selected hotel stay.
DetailsURL	URL	Deeplink to a landing page with the hotel pricing details and booking info for the specified dates. In a dateless hotel search the deeplink

		would be to a generic landing page of the respective hotel.
Star Rating	3.5	Star rating value of the hotel property. Will not be part of the response if its not present.
ThumbnailUrl	URL	URL of the thumbnail image for the hotel.
GuestRating	4.5	Average overall guest rating of the hotel. The value is between 1.0 and 5.0 (step: 0.1). Higher is better.
GuestReviewCount	3	The total count of guest reviews.
RoomTypeList/RoomType/ Description	Superior Room with one king bed	Text description of the room type.
RoomTypeList/RoomType/ RemainingCount	3	The number of rooms remaining through Expedia for the room type. Only returned if there are 5 or fewer rooms remaining.
RoomTypeList/RoomType/ Price/BaseRate/ Value	1390.00	Base price information for the requested rooms, excluding taxes and fees.
RoomTypeList/RoomType/ Price/BaseRate/Currency	USD	The ISO 4217 Currency Code for BaseRate element. USD is the default currency code for this element.
RoomTypeList/RoomType/ Price/TaxRcAndFees/Value	387.50	The total rate of taxes and fees for the requested rooms.
RoomTypeList/RoomType/ Price/TaxRcAndFees/Currency	USD	The ISO 4217 Currency Code for TaxRcAndFees element. USD is the default currency code for this element.
RoomTypeList/RoomType/ Price/TotalRate/ Value	1777.50	The total amount of fee for the requested rooms, including all taxes and fees charged at the time of booking. Does not include mandatory fees charged by the hotel after check-in (see the HotelMandatoryTaxesAndFees field).
RoomTypeList/RoomType/ Price/TotalRate/ Currency	USD	The ISO 4217 Currency Code for TotalRate element. USD is the default currency code for this element.
RoomTypeList/RoomType/	75.20	The total amount of the mandatory taxes and fees

HotelMandatoryTaxesAndFees/ Value		charged by the hotel after check-in for the requested rooms. These are not collected by Expedia, and not included any of the other Price elements.
RoomTypeList/RoomType/ HotelMandatoryTaxesAndFees/Currency	USD	The ISO 4217 Currency Code for HotelMandatoryTaxesAndFees element. USD is the default currency code for this element.
RoomTypeList/RoomType/Promotion/Amount/ Value	214.55	The total promotion amount for the hotel stay for the requested rooms. This is the markdown price for the rate (the difference between the standard rate and the discounted rate).
RoomTypeList/RoomType/Promotion/Amount/ Currency	USD	The ISO 4217 Currency Code for Promotion Amount element. USD is the default currency code for this element.
RoomTypeList/RoomType/Promotion/ Description	14-Day Advance Purchase Special (Nonrefundable)	Description text for the promotion.
RoomTypeList/RoomType/RoomAmenityList/ RoomAmenity/ID	12	The unique ID of the amenity. See Amenity identifiers and descriptions
RoomTypeList/RoomType/RoomAmenityList/ RoomAmenity/Name	Free Wireless Internet	The localized name of the amenity. See Amenity identifiers and descriptions
RoomTypeList/RoomType/Refundable	true	Indicate whether the room type is refundable or not.
RoomTypeList/RoomType/FreeCancellation	true	Indicate whether the room type can be canceled free of charge up until the cancellation window or not.
RoomTypeList/RoomType/FreeCancellationEndDate/Time	2014-07-20T18:00:00-08:00	The local hotel date and time until when the room can be canceled free of charge.
RoomTypeList/RoomType/FreeInternet	true	Indicate whether the room type supply free internet.
RoomTypeList/RoomType/FreeParking	true	Indicate whether the room type supply free parking.
RoomTypeList/RoomType/FreeBreakfast	true	Indicate whether the room type

		supply free breakfast.
RoomTypeList/RoomType/PaymentMethod	Online	Indicate how/when the client will be required to pay for each room type.The value must be one of below: Online, Hotel
RoomTypeList/RoomType/SmokingAvailable/HasNonSmoking	true	Indicate this room is non-smoking.
RoomTypeList/RoomType/SmokingAvailable/HasSmoking	true	Indicate this room is smoking.
AmenityList/ Amenity	Swimming pool	Amenities provided by the hotel, of: Swimming pool, High-speed Internet, Courtesy breakfast, Air conditioning, Free parking.

Error Responses

Note: By default, all the error codes appear in the REST response, except where explicitly specified otherwise.

Error Code	Error Response	Cause
107	Search window is too large. Maximum length of stay is 28 days.	Checkoutdate >= checkindate + 29 days.
108	Checkout date must occur after Checkin date.	Checkoutdate is earlier than checkindate.
109	Checkout date can only occur up 220 days in the future.	Checkindate < current + 220 days, checkoutdate > current+220 days.
110	Checkin date cannot be in past.	Checkindate is earlier than current date and checkoutdate is later than current date.
301 (SOAP)	Radius is missing.	Radius node is not specified in SOAP request.
302	Unit for the Radius is either missing or is in an invalid format.	Request with valid radius value but invalid unit node value.
302	Value for the Radius is either missing or is in an invalid format.	Request with no radius value.
302	Please specify value less than 200.0km / 124.30081mi.	The radius value is out of range.
N/A	Invalid credential.	Request with non-existing key like '2F2504E0-4F89-11D3-9A0C-0305E82C3301'.
303	Latitude is either missing or is in an invalid format.	Request with empty or invalid latitude value.
304	Invalid value for the latitude. Please specify values in the range from -90.000000 to 90.000000.	The latitude value is out of the range.

305	Longitude is either missing or is in an invalid format.	Request with empty or invalid longitude value.
306	Invalid value for the longitude. Please specify values in the range from -180.000000 to 180.000000.	The longitude value is out of range.
307 (SOAP)	Geolocation is either missing or is in an invalid format.	GeoLocation node is not specified in SOAP request.
315	Adults field in request is either missing or is in an invalid format.	Dated hotel search request with empty or invalid adults (e.g. adults= or adults=a).
315	Invalid number of adults. Please specify between 1 and 14 adults in the request.	Invalid adult count.
316	Child ages field in request is either missing or is in an invalid format.	Dated hotel search request with empty or invalid childages (e.g. childages= or childages=1,,2).
316	Invalid ages of child. Allowed age range for child traveler is 0 to 17.	Dated hotel search request with childages out of age scope (age > 17 or age < 0).
316	Invalid child count. Please specify between 1 and 6 children.	Invalid child count.
317	Child traveler should be accompanied by adults. Please specify 1 or more adults.	Dated hotel search request without specifying adults.
321	Stars field in request is either missing or is in an invalid format. Allowed range is 0 to 5.0.	Star rating with null or any kind of characters (e.g. aaa, @#\$).
322	Invalid value for stars. Allowed range is 0 to 5.0.	Star rating with numerical value which is out of range (e.g. 6, -1).
325	Please specify at least one of the following search parameters: Lat/Long & Radius or RegionIDs or HotelIDs.	Hotel search request without the search criteria
328	No hotels were found which match your search criteria.	No hotel found which match the Hotel Selection Parameters.
329	Number of matching hotel results exceeds the maximum, only 100 hotels will be returned.	More than 100 hotels match the Hotel Selection Parameters.
330	Some hotels could not be priced at this time. Only the hotels with prices have been returned.	Some hotels cannot be priced due to internal exceptions.
331	Max hotels field in request is either missing or is in an invalid format.	The value of maxhotels is null or not an integer value.
332	The max hotels field must be an integer value greater than 0.	The value of maxhotels is an integer value less than 0.
333	Querytext is either missing or is in an invalid format.	Request with empty or invalid <i>querytext</i> value (e.g. querytext=).
335	Sort is either missing or is in an invalid format. Sort must be one of the following: price, starrating, guestrating.	Request with empty or invalid <i>sort</i> value.
336	Include list is either missing or is in an invalid format. Include list items must be one or more of the following: description,	Request with empty or invalid <i>include</i> value.

	address, geolocation, thumbnailurl, remainingcount, amenitylist.	
337	Exclude list is either missing or is in an invalid format. Exclude list items must be one or more of the following: description, address, geolocation, thumbnailurl, remainingcount, amenitylist.	Request with empty or invalid <i>exclude</i> value.
338	Include and Exclude cannot both be specified.	<i>include</i> and <i>exclude</i> are specified simultaneously.
339	The recreations field is either missing or is in an invalid format.	Request with empty or invalid <i>recreations</i> value.
340	Invalid value for allroomtypes. Allowed values are true and false.	Request with empty or invalid <i>allroomtypes</i> value.
341	Invalid room count. Allowed range for room count is 1 to 8.	Request with specify empty or more than 8 rooms in <i>adults</i> (e.g. adults=2,2,2,2,2,2,2,3,3,4)
342	Childages and childages1 cannot both be specified.	Request with both <i>childages</i> and <i>childages1</i> .
343	Invalid childages. Please specify between childages1 and childages8.	Request with childages# (# > 8 or # < 1).
344	Order parameter invalid. The sort order can be desc or asc. If no sort order is specified, the default is asc.	The value of Order should be asc or desc
345	Availonly parameter is either missing or is invalid. Allowed values are true and false	The value of Availonly should be true or false
1000	Application error.	Internal problems with the service or other Expedia systems.

Content Property API

Request

Http Method: GET

<http://terminal2.expedia.com/content/properties/{propertyId}?lang={langIsoCode}&key=ch6wK6mAy9y6A0dwO08pmMWEDpGk5zUQ>

Query parameters:

propertyId	int (unsigned)	mandatory	Hotel's unique identifier	
langIsoCode	String	optional	This is a 2 character code to identify the language in which the content will be returned. See Supported Languages table for the list of supported languages.	Default value: "en"

Response

Table Legend:

- Column "L": stands for Level, which level is the element in the XML tree. Note that attributes will always be at the same of their containing element.
- Column "C": stands for Cardinality. Note that U stands for unbounded.

L	Element/Attribute (@)	Type	C	Description	Important Notes
0	PropertyContentGetRS	complex	1	Root element that will contain the whole response made to the service.	
	Version	string	1		
1	ResponseID	String	1	Unique identifier for tracking purposes.	
1	Property	complex	1		
2	PropertyID	int (unsigned)	1	This is a unique identifier determined by Lodging Unique identifier for the property.	
3	RatingList	Complex	0..1	Container element for property ratings. The ratings in this list are sorted by Expedia preference, the first being the most preferred.	Note: The content of this node (and sub-nodes) is not localized.
4	Rating	complex	1..U	Container element of the property rating.	
	Id	int	1	ID of the rating system:	The following rating system

L	Element/Attribute (@)	Type	C	Description	Important Notes
		(unsigned)		<ul style="list-style-type: none"> "4"=Expedia w/ ½ Stars "5"=Expedia-Euro w/ ½ Stars "6"=NNR (Non-National Rating) Circle Rating 	are not used: <ul style="list-style-type: none"> "1"=Expedia "2"=Expedia-Euro "3"=CruiseCritic
	Icon	string	1	The file name of the star rating image. The URL path for this file is http://media.expedia.com/hotels/ratings/	
	Value	int (unsigned)	1	Rating system value. The half-star rating systems provide a base star value that is multiplied by 10. For example, a 4½ star for the Expedia w/½ Star rating system has a value of "45".	
5	RatingSourceCode	string	1	Specifies the name of the rating system used as indicated by the Rating ID attribute: <ul style="list-style-type: none"> 1="Expedia" 2="Expedia-Euro" 4="Expedia w/ ½ Stars" 5="Expedia-Euro w/ ½ Stars" 6="NNR (Non-National Rating) Circle Rating" 	
3	PropertyContentList	Complex	0..1	Container element for localized property content	
4	PropertyContent	Complex	1..2	Container element for all of the content that is found for the property in the specific language.	Note: All content inside this node (and sub-nodes) is localized, where available, in the specified language.
	languageID	int (unsigned)	1	This is a 4 digit numeric code to identify the language requested for the property content.	
	Version	string	0..1	This is the version of the returned content.	
5	Overview	Complex	0..1	The overview contains simple localized property content associated directly with the hotel, namely property name and tagline.	
6	PropertyName	String	0..1	Localized property name	
6	Tagline	String	0..1	Short descriptive text identifying the property. For example, "Bengaluru property in the city center"	The tagline often includes HTML character markup.
5	SectionGroupList	Complex	0..1	Container element for section	

L	Element/Attribute (@)	Type	C	Description	Important Notes
				groups. This list will contain only the section groups that have content in them to be returned.	
6	SectionGroup	Complex	1..U	Section groups are logical categories of hotel content.	
	Id	int (unsigned)	1	ID of the section group	
7	Section	Complex	1..U	Section of hotel content. For example, 'Special Check-in Instructions' or 'Resort Amenities'.	Only sections that have content in them in the specified language will be shown.
	Id	int (unsigned)	1	ID of the section type.	
	Name	String	1	The name of the section. For example, "Property Amenities".	
8	ParagraphList	Complex	0..1	Container element for section paragraphs. This list will contain only the paragraphs that have content in them to be returned and that are currently active.	
9	Paragraph	Complex	1..U	One or more lines of written content detailing the current section. The text often contains HTML markup and the markup is not typically well-formed.	
	type	int (unsigned)	1	Paragraph types are used to help structure logically the use of paragraphs, and the possible type will depend on the current section. For example, the <i>Points of Interest</i> type will only be available in the <i>Attractions</i> section of a property, while the <i>Rooms Text</i> type will be limited to the <i>Rooms</i> section. The <i>Standard</i> type is found in most sections.	
	Format	int (unsigned)	1	This attribute describes the recommended format of the paragraph. Possible values are: <ul style="list-style-type: none"> "1"=Image top left, text full width, wrap "2"=Image top right, text full width, wrap "3"=2 columns, no wrap, image in left column "4"=2 columns, no wrap, image in right column 	

L	Element/Attribute (@)	Type	C	Description	Important Notes
				<ul style="list-style-type: none"> "5"=Text full width, no image "7"=Text in 2 columns, no image 	
	collapsedLinkDesc	String	0..1	Link text to be shown in place of the rendered paragraph when the paragraph is collapsed (see above).	
10	MediaList	Complex	0..1	Container element for all of the metadata for the images associated with the paragraph. While each paragraph may only have at most one image, we return a list that includes all of the sizes (thumbnails, etc.) for that one image.	
11	Media	Complex	1..U	Media metadata including the path to the image on the media server, captions, image sizes, etc.	
	Id	int (unsigned)	1	Unique identifier in the database for the media file	
	Type	int (unsigned)	1	Type of media file: <ul style="list-style-type: none"> "1"=Image "2"=Panorama (3-D) "3"=Property Image Map 	The following types are not in use at the time of the API's current release: <ul style="list-style-type: none"> "4"=Audio "5"=Video
	Name	String	1	Location of the media file on the media server (where the server is currently accessed at the following URL: http://media.expedia.com). For example, "/hotels/1000000/10000/100/5/5_17_t.jpg"	
	Caption	String	0..1	Brief text description applied to the image.	
	size	int (unsigned)	1	ID detailing the size of the image/media file, where: <ul style="list-style-type: none"> "1"=Thumbnail (t) "2"=Small (s) "3"=Big (b) "4"=Custom (c) "5"=External (x.) "6"=Fixed (f) 	

L	Element/Attribute (@)	Type	C	Description	Important Notes
				<ul style="list-style-type: none"> • "7"=Panorama (p) • "8"=Virtual Tour (v) • "9"=Landscape (l) • "10"=Map (m) • "11"=90x90f (n) • "12"=140x140f (g) • "13"=180x180f (d) • "14"=500x500v (y) • "15"=1000x1000v (z) • "16"=160x90f (e) • "17"=2000x2000v (w) 	
	Path	String	0..1		
	creditTxt	String	0..1	Brief text attributing copyright, photographer tag, etc.	
	displayMethodSeqNbr	Int	0..1	Each media format may have any number of display methods defined.: <ul style="list-style-type: none"> • "1"=Continuously "spin" the image 360 degrees • "2"=Pan over the image 180 degrees left to right. 	
	subjectID	int (unsigned)	0..1	A subject ID to identify the primary subject/purpose of the media content.	
	width	short	0..1	Width of the media.	
	height	short	0..1	Height of the media.	
	orientation	byte	0..1	Orientation of the media: <ul style="list-style-type: none"> • 0 = Vertical • 1 = Horizontal • 2 = Square 	
10	startHorizontalPct	Complex	0..1	Starting position of media item expressed as a percentage of the length of the X-axis that represents the center-point for display.	
	DecimalPlaceCount	int (unsigned)	0..1	Indicates the number of decimal places in the Decimal value.	
13	Decimal	Int	1	Value of the media's horizontal start position.	
12	VirtualTourCalloutList	Complex	0..1	Container element for one or multiple virtual tours. The callouts are ordered by their display ranking.	
13	VirtualTourCallout	Complex	1..U	Virtual tour metadata.	Generally there is no more

L	Element/Attribute (@)	Type	C	Description	Important Notes
					than one virtual tour for a given property.
	coordx	Double	1	X Coordinate (as a percentage) for the callout position.	
	coordy	Double	1	Y Coordinate (as a percentage) for the callout position.	
	iconx	Double	1	X Coordinate (as a percentage) for the icon position.	
	icony	Double	1	Y Coordinate (as a percentage) for the icon position.	
	align	Int	1	ID for the display alignment of virtual tour callouts: <ul style="list-style-type: none"> • "1"=Top • "2"=Top Right • "3"=Right • "4"=Bottom Right • "5"=Bottom • "6"=Bottom Left • "7"=Left • "8"=Top Left 	
14	Media	Complex	1	Virtual tour image metadata including the path to the image on the media server, captions, image sizes, etc.	Note: This is the same type as Media in level 9, further definition will be omitted (see level 9 definition for details).
8	#AttributeList	Complex	0..1	This is the Domain list of all attributes for this section. Attributes are amenities, features, or any other generic characteristics that can be applied to a property, room or rate plan.	
9	#Attribute	Complex	1..U	An attribute for this section. For example, a property attribute could be an amenity called 'free parking' while a room attribute could be 'air conditioning'.	
	id	int (unsigned)	1	Unique identifier in the database for the attribute	
	name	String	0..1	The name of the attribute for display. For example, "Patio" or "Internet access – wireless".	
	value	String	0..1	Text specific to the attribute when it includes an additional value, number, name, etc. For example, a property may have an attribute named "Check-in time is" with a value of "12:00 PM", or an attribute	

L	Element/Attribute (@)	Type	C	Description	Important Notes
				"Aerobics" with a value of "nearby".	
	icon	String	0..1	A pathname to an icon that is associated with the particular attribute.	At the time of writing this API, this field is not currently populated (the value is always zero or empty).
8	AddressList	Complex	0..1	Container element for all localized address within a section type content.	At the time of writing this API, this list is returned only within section 1 (overview details), but other addresses could be associated to other section types going forward.
9	Address	Complex	1..U	Container element for a single localized address.	
10	FirstAddressLine	String	1	First localized address line.	
10	SecondAddressLine	String	0..1	Second localized address line.	
10	CityName	String	1	Localized city name of the property address.	
10	ProvinceName	String	0..1	Province name.	
10	PostalCode	String	0..1	Address postal code.	
10	CountryAlpha3Code	String	1	Country code in a three letter format.	
5	MediaList	Complex	0..1	Container element for all of the metadata for the images associated with the property. The metadata includes the path to the image on the media server, captions, image sizes, etc.	
	<i>See MediaList above (Level 8) for element details</i>				
5	RoomTypeContentList	Complex	0..1	Container element for room type content. This list will contain only the room types that have content in them to be returned.	If the filters in the request specify that Room Type content should be excluded, then this content will not be present in the response.
6	RoomTypeContent	Complex	0..U	Room type descriptions and related media	
	id	int (unsigned)	1	Unique identifier in the database for the room type	
	name	String	0..1	Room name used for display on the Expedia website.	

L	Element/Attribute (@)	Type	C	Description	Important Notes
7	SectionGroupList	Complex	0..1	Container element for section groups. This list will contain only the section groups that have content in them to be returned.	Note: This is the same type as SectionGroupList in level 3 (under PropertyContent), further definition will be omitted (see level 3 definition for details).
	See SectionGroupList above(Level 3) for element details				
7	MediaList	Complex	0..1	Container element for all of the metadata for the images associated with the room type. The metadata includes the path to the image on the media server, captions, image sizes, etc.	
	See MediaList above (Level 8) for element details				
5	RatePlanContentList	Complex	0..1	Container element for rate plan content. This list will contain only the rate plans that have content in them to be returned.	If the filters in the request specify that Rate Plan content should be excluded, then this content will not be present in the response.
6	RatePlanContent	Complex	0..U	Rate plan content	
	id	int (unsigned)	1	Unique identifier in the database for the rate plan.	
	name	String	0..1	The name of the rate plan as shown on the Expedia website.	
7	SectionGroupList	Complex	0..1	Container element for section groups. Rate plan descriptive paragraphs commonly describe on-going promotions and at the time of this API's writing are being sourced from the Room Amenities section (3).	Note: This is the same type as SectionGroupList in level 3 (under PropertyContent), further definition will be omitted (see level 3 definition for details).
	See SectionGroupList above(Level 3) for element details				
7	MediaList	Complex	0..1	Container element for all of the metadata for the images associated with the rate plan. At the time of writing this API, no media are returned specifically for rate plans.	
	See MediaList above (Level 8) for element details				

L	Element/Attribute (@)	Type	C	Description	Important Notes

Appendix 1 Supported Languages

Language ISO Code	LanguageNameDisplay	CountryCode
ar	Arabic (Saudi Arabia)	SAU
cs	Czech	CZE
da	Danish	DNK
de	German	DEU
el	Greek	GRC
en	English (U.S.)	USA
fi	Finnish	FIN
fr	French	FRA
iw	Hebrew	ISR
hu	Hungarian	HUN
is	Icelandic	ICL
it	Italian	ITA
ja	Japanese	JPN
ko	Korean	KOR
nl	Dutch	NLD
nb	Norwegian (Bokmål)	NOR
pl	Polish	POL
pt	Portuguese (Brazilian)	BRA
ru	Russian	RUS
sh	Serbo Croatian (Latin)	HRV
sk	Slovak	SVK

sv	Swedish	SWE
th	Thai	THA
tr	Turkish	TUR
id	Indonesian	IDN
uk	Ukrainian	UKR
et	Estonian	EST
lv	Latvian	LVA
lt	Lithuanian	LTU
vi	Vietnamese	VNM
ms	Malay (Malaysia)	MYS
tl	Filipino	PHL
zh	Chinese (Simplified)	CHN

Appendix 2 Sections

This is the list of Sections available at the time of this API's writing, along with some descriptions of their most common usage.

ID	Section	Notes
1	Overview	Main description of the property
2	Room	Notes key features of all guestrooms.
3	Room amenities	Notes specific amenities available for the room type as well as any rate plan descriptions.
4	Promotions	Notes specific value-adds for guests booking or traveling in a particular window.
5	General Information	General property description and representations like "What to Expect", "Insider's Tip" and "Amenity Highlights"
6	Property amenities	Notes key features of the property (public spaces)
7	Merchandising	No information returned by Lodging Content Service – No associated Section Group
8	Dining	Notes availability of onsite restaurants or nearby restaurants
9	Entertainment	Describes the entertainment options at the property, such as nightly shows at some Las Vegas hotels. Not commonly used at the time of this API's writing
10	Recreation	Notes onsite or nearby recreational activities
11	Policy	Notes standard disclaimers.

ID	Section	Notes
12	Attractions	Notes nearest airports and points of interest.
13	Photos	Contains no paragraphs nor attributes at the time of this API's writing
14	Location Highlights	Notes the key amenities particular to the property's location, such as "Beach nearby" or "In business district".
15	Corporate Travel Rate Types	No information returned by Lodging Content Service – No associated Section Group
16	Leisure Rate Types	No information returned by Lodging Content Service – No associated Section Group
17	Spa	Notes features of onsite spa or nearby spa
18	Concierge Services	Contains no paragraphs nor attributes at the time of this API's writing
19	Resort Amenities	Contains no paragraphs nor attributes at the time of this API's writing
20	Menus	Contains no paragraphs nor attributes at the time of this API's writing
21	Location Teaser	Succinct description about the hotel <i>in</i> the destination, not the destination alone. Commonly includes the primary location (e.g. London) and a descriptor (such as ski facilities, airport, etc.).
22	Hotel Teaser	Succinct description including information about the pool(s), fitness centre, or any special property features, services, or amenities.
23	Room Teaser	Succinct description of information and amenities common to all rooms at the property
24	Ratings	There are virtually no entries in this 'Ratings Explained' section at the time of this API's writing.
25	Content Source	
26	All-Inclusive details	Specifies what is all-inclusive at the property.
27	All-Inclusive plan details	Details the amenities in the all-inclusive plan.
28	Awards and affiliations	Lists the awards the property has won and names the property's affiliates.
29	Renovation notice	Notes area and period of closure; availability of optional facilities.
30	Special Check-In Instructions	Contains details about the hotel check-in. This content is usually shown to customers on the website once they are reserving a room. For example, "Guests must contact the resort at least 72 hours prior to arrival to confirm check-in instructions and receive lock box codes."
31	Location Details	There are virtually no entries in this section at the time of this API's writing.
32	Wireless Internet Access	Contains no paragraphs nor attributes at the time of this API's writing.

ID	Section	Notes
33	Family Information	Describes property or room features that are family friendly.
34	Local Expert Concierge	There are virtually no entries in this section type at the time of this API's writing.
35	National Rating	Text describing the quality of the hotel by domestic rating associations.
36	Health and Safety	Contains no paragraphs nor attributes at the time of this API's writing.
37	Know Before You Go	Highlights critical information (adult-only, minimum check-in age, proof of marriage requirement, restricted facilities, etc.).
38	Fees	Notes all fees that must be paid if applicable (parking fees, pet fees, etc.)
39	Trip Advisor Awards	Lists attributes such as "Best Luxury - Asia" which describe the TripAdvisor award for the property.
40	Hotel Themes	Lists attributes such as "Business Hotel" which characterize the nature, or philosophy, of the hotel.
41	Video	Virtually unused at the time of this API's writing, this section type contains HTML for embedding Flash-type video
42	Mandatory hotel-imposed fees	Notes all fees that must be paid by all guests (resort fees, gala dinner fees, housekeeping fees, etc.).
53	Accessibility Options	Added per legal requirements, this section uses boilerplate sentences and a half-dozen attributes like Handicapped parking and Roll-in shower.
54	Tagline	
55	Tagline	Same as above.
61	Structure Type	The type of property, for example a hotel, inn or resort.

Appendix 3 Section Groups

This is the list of Section Groups available at the time of this API's writing, along with some description of their most common usage.

ID	Section Group	Notes
0	Overview	Groups various sections including teasers and hotel theme
1	Location	Groups nearby points of interest and location highlights (e.g. skiing nearby)
2	Hotel Features	Groups most property information including common room and property amenities, recreation, dining, policies, etc.
3	Room Features	Not used by any sections at the time of this API's writing

ID	Section Group	Notes
4	Photos	Not used by any sections at the time of this API's writing
5	Virtual Tours	The only section associated to this section group at the time of this API's writing, Ratings, contains virtually no entries.
6	Rate Calendar	Not used by any sections at the time of this API's writing
7	Traveler Opinions	Not used by any sections at the time of this API's writing
8	National Rating	Not used by any sections at the time of this API's writing
9	Hotel Themes	Not used by any sections at the time of this API's writing

Appendix 4: Paragraph Types

Here is a list of Paragraph Types and the Sections they are normally located in.

ID	Paragraph Type	Found in Section Type
1	Standard	Most section types
2	Tagline/Teasers	Hotel Teaser, Location Teaser, Room Teaser
3	What to expect	General Information
4	Content-Branding Label	General Information
5	Highlights	General Information
6	Insider Tip	General Information
7	General Information	General Information
8	All-Inclusive Description	Not used in any section types at the time of the API's writing
9	Tip for Families	General Information
10	POI	Nearby Points of Interest
11	Directions	Nearby Points of Interest
12	Location Highlights	Nearby Points of Interest
13	Destination Attractions/Activities	Nearby Points of Interest
14	Hotel Features Intro	Property Amenities
15	Policies Text	Policies
16	Policies Attribute	Policies

17	Dining	Dining
18	Recreation Text	Recreation
19	Luxury Recreation	Recreation
20	Spa	Spa
21	Concierge	Hotel Teaser, Location Teaser, Room Teaser
22	Rooms Text	Rooms
23	Room Amenities Text	Room Amenities, although most paragraph in the Room Amenities section use the Standard paragraph type at the time of this API's writing
24	Promotion Text	Promotions
25	Caption	Not used in any section types at the time of the API's writing