

Reviews REST API – 2012.06.29

Contents

Get Review Service Status (Ping)	3
Request	3
Response	3
Get Reviews for a Target (product or seller).....	3
Request	4
Response	4
Get a Single Review.....	4
Request	4
Response	4
Create a Review	4
Request	4
Response	4
Update a Review	4
Request	5
Response	5
Delete a Review	5
Request	5
Response	5
Mark Review as Helpful/Not Helpful	5
Request	5
Response	6
Report a concern on a Review	6
Request	6
Response	6
Get Reviews for a User.....	6
Request	6
Response	6
Data Structures	7

Target (Product/Seller) Review Summary (TARGET_SUMMARY).....	7
Review (REVIEW_OBJECT)	9
Create or Update a Review (REVIEW_CREATE, REVIEW_UPDATE)	9
Report a Concern (CONCERN_CREATE)	10
FUTURE RELEASES.....	10
Get the comments for a Single Review.....	10
Request	11
Response	11
Create a Review Comment	11
Request	11
Response	11
Delete a Review Comment	11
Request	11
Response	11
Report a concern on a Comment.....	11
Request	11
Response	12
Feeds	12
Request	12
Response	12
Target Review Summary (minimal) (TARGET_MINI_SUMMARY)	12
Target Metadata (TARGET_METADATA)	12
User Summary (USER_SUMMARY)	13
Comment (COMMENT_OBJECT)	13
Create a Comment (COMMENT_CREATE)	13

Get Review Service Status (Ping)

GET /v1/ping

Returns the review service application and database version

Request

GET /v1/ping

Response

```
[
  {
    "component": "Application",
    "revision": "ratingsandreviews-297-64640"
  },
  {
    "component": "Database",
    "revision": "1001"
  }
]
```

Get Reviews for a Target (product or seller)

GET /v1/reviews/search

Returns a list of reviews that match the search criteria, targetID must be specified.

Query Parameter	Description	Required	Default
targetID	Unique ID of the target (product or seller) for which the review applies	Yes	N/A
targetType	Type of the target for which the reviews applies (product/seller).		product
originSite	Site name requesting the reviews (e.g sears.com/kmart.com). The site which does not have “write a review” capability should send the value as ‘other’	-	other
filter	Defines the criteria to filter the reviews based on the attribute/attribute value. Newest review is considered in case of tie situations. (filter.overall_rating=4&filter.quality=good)	-	-
sort	Defines the criteria to sort the reviews . Newest review is considered in case of tie situations. (Date, Helpful count, Overall_rating)	-	Date
sortOrder	Defines the sort order of the reviews based on the sort criteria (ascending/descending)	-	descending
limit	The number of reviews to retrieve	-	10
offset	The index of the first review to retrieve, zero-relative (pagination)	-	0

Request

GET /v1/reviews/search?targetId=02021514000P&originSite=sears.com&targetType=product

GET /v1/reviews/search?targetId=SellerTargetTest&originSite=sears.com&targetType=seller

Response

[TARGET SUMMARY](#) + [\[REVIEW OBJECT, REVIEW OBJECT, ...\]](#)

Get a Single Review

GET /v1/reviews/{reviewID}

Returns a single review information

Request

GET /v1/reviews/613782

Response

[REVIEW OBJECT](#)

Create a Review

POST /v1/reviews

Creates a new review with the contents of the POST request.

Request

POST /v1/reviews [Request Header "authorization" is mandatory]

[REVIEW CREATE](#)

Response

Body of the response contains JSON with reviewID.

```
{
  "status": 201,
  "message": "Review successfully created",
  "id": "361061"
}
```

Update a Review

PUT /v1/reviews/{reviewID}

Updates the review with the contents of the PUT request.

Request

```
PUT /v1/reviews/613782
```

REVIEW UPDATE

Response

Body of the response contains JSON with reviewID.

```
{
  "status": 200,
  "message": "Review successfully updated",
  "id": "613782"
}
```

Delete a Review

```
DELETE /v1/reviews/{reviewID}
```

Deletes the specified review. The review is marked as deleted and will be archived.

Request

```
DELETE /v1/reviews/613782
```

Response

```
{
  "status": 200,
  "message": "Review successfully deleted",
  "id": "613782"
}
```

Mark Review as Helpful/Not Helpful

```
PUT /v1/reviews/{reviewID}/helpful
```

Updates the counter of helpful/not helpful for the review. Contents of the PUT is a JSON object. The helpful field indicates whether the review as helpful or not helpful. The vote_changed field is optional and indicates whether the user had previously voted. For example, marking the review as helpful=true and indicating vote_changed=true, would increment the helpful counter and decrement the not helpful counter.

If there is a conflict with multiple clients updating the helpful/not helpful status for the same review, the clients will receive a 400 error. Clients should be prepared to retry the operation at least once if that error occurs.

Request

```
PUT /v1/reviews/230772/helpful
```

```
{
  "helpful": true/false,
  "vote_changed": true/false
}
```

Response

```
{
  "status": 200,
  "message": "Review helpful count updated successfully",
  "id": "230772",
  "value": "1"
}
```

Report a concern on a Review

PUT /v1/reviews/{reviewID}/concern

Marks the review with the concern text and meta-data about the reporter of the concern.

Request

PUT /v1/reviews/1234/concern

CONCERN_CREATE

Response

```
{
  "status": 200,
  "message": "Concern Note is updated ",
  "value": "230772"
}
```

Get Reviews for a User

GET /v1/reviews/user/{userID}

Returns the breakdown and reviews created by the specified user profile.

Request

GET /v1/reviews/user/7654

Response

USER_SUMMARY + [REVIEW_OBJECT, REVIEW_OBJECT,...]

Data Structures

Target (Product/Seller) Review Summary (TARGET_SUMMARY)

```
{
  "target_id": "02021514000P",
  "review_count": 252,
  "recommend_count": 166,
  "recommend_percentage": 65.87,
  "overall_rating": "3.2",
  "overall_rating_breakdown": [
    {
      "name": "5",
      "count": "107"
    },
    {
      "name": "4",
      "count": "68"
    },
    {
      "name": "3",
      "count": "21"
    },
    {
      "name": "2",
      "count": "21"
    },
    {
      "name": "1",
      "count": "35"
    }
  ],
  "positiveReview": {
    "review_id": 613782,
    "target_id": "02021514000P",
    "target_type": "product",
    "published_date": "Sat, Dec 31, 2011",
    "origin_site": "sears.com",
    "summary": "Who says a woman doesn't want a vacuum for Christmas?",
    "content": "<p>I bought this for myself as a gift. I have several
      pets and a concrete floor. The suction is great. The edge
      cleaning is amazing. It sucks up litter without scattering it
      across the room. It's relatively quiet. Maneuvers easily. Love
      being able to get under the furniture. Very helpful attachments.
      I enjoy vacuuming, as strange as that sounds. A solid piece of
      equipment that is making my life easy. Best gift to myself
      ever.</p>",
    "content_length": 434,
    "status": "published",
    "author": {
```

```

        "screenName": "5dogstoomany",
        "extUserId": "cis-5dogstoomany"
    },
    "recommended": true,
    "helpful_count": 32,
    "not_helpful_count": 7,
    "attribute_rating": [
        {
            "attribute": "overall_rating",
            "attribute_type": "numeric",
            "value": "5"
        }
    ]
},
"negativeReview": {
    "review_id": 833442,
    "target_id": "02021514000P",
    "target_type": "product",
    "published_date": "Thu, Oct 13, 2011",
    "origin_site": "sears.com",
    "summary": "Don't buy it!!!",
    "content": "<p>I had a sears kenmore vacuum for 12 years.  In 2008 it
        died and went right out and bought another.  Bad move!  This one
        has lasted all of 2 1/2 years.  Poor suction parts coming off!  I
        thought since my last one was so great, that this one would be
        too.  I was wrong.  I dought the newer models are any better.
        </p>",
    "content_length": 318,
    "status": "published",
    "author": {
        "screenName": "LauraCope",
        "extUserId": "cisid123",
        "ipAddress": "0.0.0.0",
        "zipcode": "0000",
        "city": "Lancaster",
        "state": "OH",
        "metadata" : {"associate":1}
    },
    "recommended": false,
    "helpful_count": 1,
    "not_helpful_count": 0,
    "attribute_rating": [
        {
            "attribute": "overall_rating",
            "attribute_type": "numeric",
            "value": "1"
        }
    ]
}
}

```



```
}
```

Review (REVIEW_OBJECT)

```
{
  "review_id": 613782,
  "target_id": "02021514000P",
  "target_type": "product",
  "published_date": "Sat, Dec 31, 2011",
  "origin_site": "sears.com",
  "summary": "Who says a woman doesn't want a vacuum for Christmas?",
  "content": "<p>I bought this for myself as a gift. I have several pets
and a concrete floor. The suction is great. The edge cleaning is
amazing. It sucks up litter without scattering it across the room.
It's relatively quiet. Maneuvers easily. Love being able to get under
the furniture. Very helpful attachments. I enjoy vacuuming, as strange
as that sounds. A solid piece of equipment that is making my life easy.
Best gift to myself ever.</p>",
  "content_length": 434,
  "status": "published",
  "author": {
    "screenName": "LauraCope",
    "extUserId": "cisid123",
    "ipAddress": "0.0.0.0",
    "zipcode": "0000",
    "city": "Lancaster",
    "state": "OH",
    "metadata" : {"associate":1}
  },
  "recommended": true,
  "helpful_count": 27,
  "not_helpful_count": 7,
  "attribute_rating": [
    {
      "attribute": "overall_rating",
      "attribute_type": "numeric",
      "value": "5"
    }
  ]
}
```

Create or Update a Review (REVIEW_CREATE, REVIEW_UPDATE)

Mandatory fields are marked red

```
{
  "helpful_count": 0,
  "recommended": true,
  "author": {
    "zipcode": "60179",
    "ipAddress": "0.0.0.0",
```

```

        "city": "Hoffman Estates",
        "extUserId": "1234CIS",
        "screenName": "testScreenName",
        "state": "Illinois"
        "metadata" : {"associate": "true"}
    },
    "target_id": "testTarget",
    "content": "this is the main content",
    "target_type": "product/seller",
    "target_description": "product name/seller name",
    "summary": "this is the summary text",
    "status": "pending",
    "not_helpful_count": 0,
    "attribute_rating": [
        {
            "attribute_type": "numeric",
            "attribute": "overall_rating",
            "value": "5"
        },
        {
            "attribute_type": "numeric",
            "attribute": "quality",
            "value": "4"
        }
    ],
    "origin_site": "sears.com"
    "special_instructions" : {"sample": "true", "affiliate": "false"}
}

```

Report a Concern (CONCERN_CREATE)

Mandatory fields are marked red

```

{
    "concern_text": "I have concern with the reviews"
}

```

FUTURE RELEASES

Get the comments for a Single Review

GET /v1/reviews/{reviewID}/comments

Returns all of the comments for a single review.

Request

GET /v1/reviews/1234/comments

Response

[COMMENT_OBJECT, COMMENT_OBJECT, ...]

Create a Review Comment

POST /v1/reviews/{reviewID}/comments

Creates a new review for the specified reviewID with the contents of the POST request.

Request

POST /v1/reviews/1234/comments

COMMENT_CREATE

Response

Location header contains the URL with the commentID. Body of the response contains JSON with commentID.

Delete a Review Comment

DELETE /v1/reviews/{reviewID}/comments/{commentID}

Deletes the specified comment of a review. The comment is marked as deleted and will still be retrieved with the rest of the comments, but marked as deleted and the text empty.

Request

DELETE /v1/reviews/1234/comments/5678

Response

OK

Report a concern on a Comment

PUT /v1/reviews/{reviewID}/comments/{commentID}/concern

Marks the comment with the concern text and meta-data about the reporter of the concern.

Request

PUT /v1/reviews/1234/comments/5678/concern

CONCERN_OBJECT

Response

OK

Feeds

GET /v1/reviews/feed/{type}

Returns a feed to be used by a third party.

```
type - solr (overall rating, count), social (?)
```

Request

GET /v1/reviews/feed/solr

Response

[TARGET_MINI_SUMMARY, TARGET_MINI_SUMMARY, ...]

Target Review Summary (minimal) (TARGET_MINI_SUMMARY)

```
{
  "review_count": 46,
  "overall_rating ": "3.0"
}
```

Target Metadata (TARGET_METADATA)

```
{
  "attribute_metadata": [
    {"attribute": "quality", "label": "Quality", "type": "numeric",
    "allowed_values": [1, 2, 3, 4, 5]},
    {"attribute": "value", "label": "Value", "type": "numeric",
    "allowed_values": [1, 2, 3, 4, 5]},
    {"attribute": "fit", "label": "How does this fit?", "type": "discrete",
    "allowed_values": ["narrow", "just right", "wide"]},
  ],
  "filter_metadata": [
    {"overall": [
      {"value": 5, "count": 19},
      {"value": 4, "count": 10},
      {"value": 3, "count": 5},
      {"value": 2, "count": 6},
      {"value": 1, "count": 6}
    ]
    },
    {"quality": [
      {"value": 5, "count": 19},
      {"value": 4, "count": 10},
      {"value": 3, "count": 5},
      {"value": 2, "count": 6},
      {"value": 1, "count": 6}
    ]
    }
  ]
}
```

```

    },
    {"fit": [
      {"value": "wide", "count": 10},
      {"value": "just right", "count": 26},
      {"value": "narrow", "count": 10}
    ]
  },
  {"media": [
    {"value": "photo", "count": 2},
    {"value": "video", "count": 0}
  ]
}
]
}

```

User Summary (USER_SUMMARY)

```

{
  "user_id": 7654,
  "review_count": 4,
  "helpful_count": 289,
  "review_breakdown": [
    {"status": "approved", "count": 2},
    {"status": "pending", "count": 1},
    {"status": "rejected", "count": 1}
  ]
}

```

Comment (COMMENT_OBJECT)

```

{
  "review_id": 1234,
  "comment_id": 567,
  "comment_date": "2012-01-15",
  "status": "published",
  "author": {
    "screen_name": "Joe Commenter",
    "age_range": "10-19",
    "location": "Normal, IL",
    "badge_label": null,
    "profile_url": "/profile/c7be2",
    "image_url": "/profile/image/c7be2"
  },
  "content": "<p>I completely agree with everything they said.",
  "content_length": 21
}

```

Create a Comment (COMMENT_CREATE)

```

{
  "review_id": 1234,
  "screen_name": "Joe Commenter",
  "user_id": 5567,
  "content": "I think the reviewer should..."
}

```

