

Herdict API

1. Query/Reporting API.....	2
1.1 Query Raw Reports	2
1.2 Report Submission.....	3
1.3 Report Summary.....	5
1.4 Report Summary by Country.....	6
1.5 Report Summary by Site	8
1.6 Report Summary by Page.....	10
1.7 Download all reports	11
2. Herdict Plugin API	12
2.1 Transaction Overview	12
2.2 Browser startup / initialization	13
2.3 User views a new website.....	13
2.4 User reports a page as accessible or inaccessible	13
2.5 Periodically update location	13
2.6 T01 – Get categories.....	14
2.7 T02 – Get countries	14
2.8 T03 – Get locations	14
2.9 T04 – Get interests.....	15
2.10 T05 – Get reasons.....	15
2.11 T06 – Get current location.....	15
2.12 T07 – Get site summary	16
2.13 T08 – Report page	16
2.14 T09 – Check current version	17
3. Herdict Widgets.....	18
3.1 Country Widget	18
3.1.1 Introduction	18
3.1.2 Examples	19
3.2 Site Widget.....	20
3.2.1 Introduction	20
3.2.2 Examples	20
4. Version History	21

1. Query/Reporting API

This API allows clients to request raw and summarized report data from Herdict, and also submit accessible and inaccessible reports to Herdict.

1.1 Query Raw Reports

GET: <http://www.herdict.org/api/query>

This query returns an array comprised of individual Herdict reports. The parameters enable you to narrow down the selection of reports that the query returns.

The request accepts the following querystring parameters:

Parameter	Description	Example(s)	Default
fsd	Date range boundary (earliest date, inclusive) in ISO 8601 format. Time zone is EST	2011-03-31	2009-01-01
fed	Date range boundary (latest date, inclusive) in ISO 8601 format. Time zone is EST	2011-06-15	Current date
fc	Country (two-letter ISO code)	AF	All countries
fs	Site (host name)	www.yahoo.com	All sites
ft	Report type	inaccessible accessible	All reports
page	Which page of results to return (first page is 1). No more than 500 results will be returned per page	2	1

Example

Request	Response
<code>query</code> <i>Get the most recent 500 reports submitted to Herdict.</i>	<pre>[{ "reportDate": " 2011-10- 21T16:00:28 -0500", "reportType": "INACCESSIBLE", "country": { "shortName": "US", "longName": "United States" }, "ispName": "VERIZON INTERNET" }]</pre>

	<pre>SERVICES INC", "url": "www.hotmail.com", "source": { "name": "Website" } } ...]</pre>
<p>query?fs=www.google.com&page=2</p> <p><i>Get the most recent 501-1000 reports for pages under google.com submitted to Herdict.</i></p>	<pre>[{ "reportDate": " 2013-06- 28T13:06:04 -0500", "reportType": "INACCESSIBLE", "country": { "shortName": "US", "longName": "United States" }, "ispName": "VERIZON INTERNET SERVICES INC", "url": "www.google.com", "source": { "name": "Website" } } ...]</pre>
<p>query?fc=US&fsd=2011-01-01&fed=2011-02-28</p> <p><i>Get the most recent 500 reports from the United States submitted between January 1st and February 28th 2011.</i></p>	<pre>[{ "reportDate": " 2011-01- 21T16:00:28 -0500", "reportType": "INACCESSIBLE", "country": { "shortName": "US", "longName": "United States" }, "ispName": "VERIZON INTERNET SERVICES INC", "url": "www.hotmail.com", "source": { "name": "Website" } } ...]</pre>

1.2 Report Submission

POST: <http://www.herdict.org/api/reports>

Users can submit a report to Herdict by POST'ing a request to this URL. The parameters are:

Parameter	Description	Example(s)	Default
report.reportType	String constant indicating site availability	Acceptable values: ACCESSIBLE INACCESSIBLE	Required parameter
report.url	URL being reported	twitter.com	Required parameter
report.sourceId	Herdict-assigned ID		Required parameter
report.country.shortName	Two-character country code	US CN	Automatically determined from

		IR	IP address
report.subCountry	Intra-country location	CA Boston	Blank
report.ispName	Name of the ISP being used to access the site	RCN CORPORATION	Automatically determined from IP address
report.location	Location where the site is being accessed from	Acceptable values: location.cybercafe location.home location.library location.other location.publicwifi location.school location.work	Blank
report.comments	Comments to submit along with the report		Blank
report.extraData	Other information to attach with the report		Blank
ipAddress	IP Address that the site was tested from Will be used to determine country and ISP for the report	132.16.45.206	Automatically determined from submitting IP address
asn	ASN that the site was tested from Will be used to determine country and ISP for the report	AS2399 2399	Blank
encoding	Encoding of the report.url field – accepts ROT13 if the URL is ROT13 encoded	ROT13	Blank – assumes URL is URL-encoded

Herdict uses conventional HTTP response codes to indicate success or failure of this request. In general, codes in the 2xx range indicate success, codes in the 4xx range indicate an error that resulted from the provided information (e.g. a required parameter was missing, a value was too long, etc.), and codes in the 5xx range indicate an error with Herdict's servers.

If an error is encountered, we will return a JSON object with the following attributes:

- type: The type of error encountered
- message: A human-readable message giving more details about the error
- param (optional): The field name relating to the error

1.3 Report Summary

GET: <http://www.herdict.org/api/reports/summary>

This query returns a summary of the total number of accessible and inaccessible reports for a given time period, country, and/or site. It can also return summaries for every day, week, or month during a selected time period.

The request accepts the following querystring parameters:

Parameter	Description	Example(s)	Default
country	2-character country code to retrieve a report summary for	CN	None (returns a summary for the entire world)
days	Number of days to summarize reports for	14	7
group	Time interval to group summaries by within the past number of days	day, week, month	None (returns a single summary for the past number of days)
url	URL to summarize reports for	twitter.com/Herdict	None (returns a summary of all reports)
site	Domain name to summarize reports for	www.facebook.com	None (returns a summary of all reports)
list	Name of existing queue to summarize reports for	Twitter	None (returns a summary of all reports)
callback	JSONP callback method name	doSomething	None (returns raw JSON)

Example

Request	Response
summary <i>Get the total number of accessible and inaccessible reports received by Herdict over the past week.</i>	<pre>{ accessible: 123, inaccessible: 456 }</pre>
summary?callback=jsonp_12345	<pre>jsonp_12345({ accessible: 123, inaccessible: 456 });</pre>
summary?days=365&group=month <i>Get the total number of accessible and inaccessible reports received by Herdict over the past 365 days, grouped by month.</i>	<pre>[{ date: "new Date(2013, 3, 1)", accessible: 67, inaccessible: 256 }]</pre>

	<pre> }, { date: "new Date(2013, 4, 1)", accessible: 98, inaccessible: 216 }, { date: "new Date(2013, 5, 1)", accessible: 123, inaccessible: 456 }, ...] </pre>
summary?country=UK <i>Get the total number of accessible and inaccessible reports received by Herdict from the United Kingdom over the past week.</i>	{ accessible: 123, inaccessible: 456 }
summary?url=twitter.com/Herdict&days=30 <i>Get the total number of accessible and inaccessible reports received by Herdict for twitter.com/Herdict over the past 30 days.</i>	{ accessible: 123, inaccessible: 456 }
summary?site=www.facebook.com <i>Get the total number of accessible and inaccessible reports received by Herdict for the Facebook domain over the past week.</i>	{ accessible: 123, inaccessible: 456 }
summary?list=Twitter&days=14 <i>Get the total number of accessible and inaccessible reports received by Herdict for pages on Twitter's list over the past two weeks.</i>	{ accessible: 123, inaccessible: 456 }

1.4 Report Summary by Country

GET: <http://www.herdict.org/api/reports/countries>

This query returns the countries with the most inaccessible reports and displays the number of accessible and inaccessible reports for each. The parameters allow you to return the top countries by inaccessible reports for a particular site or domain.

The request accepts the following querystring parameters:

Parameter	Description	Example(s)	Default
days	Number of days to summarize reports for	14	7
url	URL to summarize reports for	twitter.com/Herdict	NULL (returns a summary of all reports)
site	Domain name to summarize reports for	www.facebook.com	NULL (returns a summary of all reports)
list	Name of existing queue to summarize reports for	Twitter	None (returns a summary of all reports)
limit	Number of	20	5

	countries to return		
callback	JSONP callback method name	doSomething	NULL (returns raw JSON)

Example

Request	Response
<p>countries</p> <p><i>Get the top five countries with the most inaccessible reports over the past seven days.</i></p>	<pre>[{ country: { shortName: "CN", longName: "China" }, accessible: 123, inaccessible: 456 }, { country: { shortName: "IR", longName: "Iran" }, accessible: 13, inaccessible: 246 } { country: { shortName: "US", longName: "United States" }, accessible: 99, inaccessible: 14 } ... (two more records)]</pre>
<p>countries?limit=20</p> <p><i>Get the top twenty countries with the most inaccessible reports over the past seven days.</i></p>	<pre>[{ country: { shortName: "CN", longName: "China" }, accessible: 123, inaccessible: 456 }, { country: { shortName: "IR", longName: "Iran" }, accessible: 13, inaccessible: 246 } { country: { shortName: "US", longName: "United States" }, accessible: 99, inaccessible: 14 } ... (seventeen more records)]</pre>
<p>countries?site=www.facebook.com</p> <p><i>Get the top five countries with the most inaccessible reports for the Facebook domain over the past seven days.</i></p>	<pre>[{ country: { shortName: "CN", longName: "China" }, accessible: 123, inaccessible: 456 }, { country: { shortName: "IR", longName: "Iran" }, accessible: 13,</pre>

	<pre> inaccessible: 246 } { country: { shortName: "US", longName: "United States" }, accessible: 99, inaccessible: 14 } ...] </pre>
<p><code>countries?url=twitter.com/Herdict&days=30</code></p> <p><i>Get the top five countries with the most inaccessible reports for the URL twitter.com/Herdict over the past thirty days.</i></p>	<pre> [{ country: { shortName: "CN", longName: "China" }, accessible: 123, inaccessible: 456 }, { country: { shortName: "IR", longName: "Iran" }, accessible: 13, inaccessible: 246 } { country: { shortName: "US", longName: "United States" }, accessible: 99, inaccessible: 14 } ... (two more records)] </pre>

1.5 Report Summary by Site

GET: <http://www.herdict.org/api/reports/sites>

This query returns the domains (including reports about URLs within that domain) with the most inaccessible reports and displays the number of accessible and inaccessible reports for each. The parameters allow you to return the top sites by inaccessible reports for a particular country.

The request accepts the following querystring parameters:

Parameter	Description	Example(s)	Default
days	Number of days to summarize reports for	14	7
country	2-character country code to limit reports for	CN	NULL (returns a summary of all reports)
list	Name of existing queue to limit sites for	Twitter	NULL (returns a summary of all reports)
limit	Number of countries to return	20	5

callback	JSONP callback method name	doSomething	NULL (returns raw JSON)
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Example

Request	Response
<p>sites</p> <p><i>Get the top five sites with the most inaccessible reports over the past seven days.</i></p>	<pre>[{ site: { url: "www.youtube.com", title: "YouTube - Broadcast Yourself" }, accessible: 123, inaccessible: 456 }, { site: { url: "twitter.com", title: "Twitter" }, accessible: 66, inaccessible: 77 } ... (three more)]</pre>
<p>sites?limit=20</p> <p><i>Get the top twenty sites with the most inaccessible reports over the past seven days.</i></p>	<pre>[{ site: { url: "www.youtube.com", title: "YouTube - Broadcast Yourself" }, accessible: 123, inaccessible: 456 }, { site: { url: "twitter.com", title: "Twitter" }, accessible: 66, inaccessible: 77 } ... (eighteen more)]</pre>
<p>sites?country=UK</p> <p><i>Get the top five sites with the most inaccessible reports from the United Kingdom over the past seven days.</i></p>	<pre>[{ site: { url: "www.youtube.com", title: "YouTube - Broadcast Yourself" }, accessible: 123, inaccessible: 456 }, { site: { url: "twitter.com", title: "Twitter" }, accessible: 66, inaccessible: 77 } ... (three more)]</pre>
<p>sites?list=Twitter&days=30</p> <p><i>Get the top five sites from Twitter's queue of sites with the most inaccessible reports over the past thirty days.</i></p>	<pre>[{ site: { url: "www.twitter.com", title: "Twitter: What are you doing?" }, accessible: 123,</pre>

	<pre> inaccessible: 456 }, { site: { url: "t.co", title: "t.co / Twitter" }, accessible: 66, inaccessible: 77 } ... (three more)] </pre>
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1.6 Report Summary by Page

GET: <http://www.herdict.org/api/reports/pages>

This query returns individual URLs (“pages”) with the most inaccessible reports and displays the number of accessible and inaccessible reports for each. The parameters allow you to return the top pages by inaccessible reports for a particular domain (ie return a list of the most inaccessible pages within a given domain) and/or a country.

The request accepts the following querystring parameters:

Parameter	Description	Example(s)	Default
days	Number of days to summarize reports for	14	7
country	2-character country code to limit reports for	CN	NULL (returns a summary of all reports)
site	Domain name to limit pages for	twitter.com	NULL (returns a summary of all reports)
list	Name of existing queue to limit pages for	Twitter	NULL (returns a summary of all reports)
limit	Number of pages to return	20	5
callback	JSONP callback method name	doSomething	NULL (returns raw JSON)

Example

Request	Response
<p>pages</p> <p><i>Get the top five pages with the most inaccessible reports over the past seven days.</i></p>	<pre> [{ page: { url: "www.youtube.com", title: "YouTube - Broadcast Yourself" }, accessible: 123, inaccessible: 456 }, { page: { </pre>

	<pre> url: "twitter.com/about", title: "Twitter" }, accessible: 66, inaccessible: 77 } ... (three more)] </pre>
<p>pages?limit=20</p> <p><i>Get the top twenty pages with the most inaccessible reports over the past seven days.</i></p>	<pre> [{ page: { url: "www.youtube.com", title: "YouTube - Broadcast Yourself" }, accessible: 123, inaccessible: 456 }, { page: { url: "twitter.com/about", title: "Twitter" }, accessible: 66, inaccessible: 77 } ... (eighteen more)] </pre>
<p>pages?country=UK</p> <p><i>Get the top five pages with the most inaccessible reports from the United Kingdom over the past seven days.</i></p>	<pre> [{ page: { url: "www.youtube.com", title: "YouTube - Broadcast Yourself" }, accessible: 123, inaccessible: 456 }, { page: { url: "twitter.com/about", title: "Twitter" }, accessible: 66, inaccessible: 77 } ... (three more)] </pre>
<p>pages?site=twitter.com&days=30</p> <p><i>Get the top five pages on Twitter's domain with the most inaccessible reports over the past thirty days.</i></p>	<pre> [{ page: { url: "twitter.com", title: "Twitter: What are you doing?" }, accessible: 123, inaccessible: 456 }, { page: { url: "twitter.com/about", title: "Twitter" }, accessible: 66, inaccessible: 77 } ... (three more)] </pre>

1.7 Download all reports

A CSV file with all reports is available for download at <http://www.herdict.org/reports.csv.gz>

The file contains: report id, report date, report type (0 = accessible; 1 = inaccessible), url, country, isp, report location, report tag, comments, hide (0 = visible; 1 = hidden). Reports may be marked as hidden if they reference sites hosting malicious or offensive content.

2. Herdict Plugin API

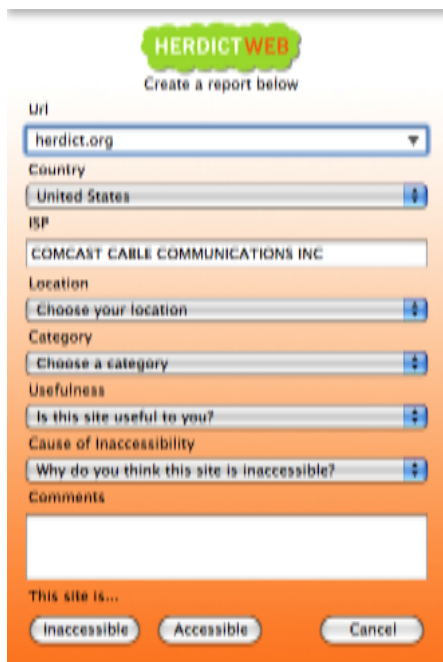
The Herdict plugins allow users to report inaccessible or accessible sites as they browse, without having to go the Herdict website. There are currently two plugins – an Internet Explorer toolbar and a Firefox extension. Although these plugins use different technologies, they use the same interface to interact with the Herdict website. This document describes that interface, and is intended as a guide for anyone developing a plugin for another platform or browser.

2.1 *Transaction Overview*

This is the general sequence of transactions for a plugin

- Browser startup / initialization
 - a. Get categories (T01)
 - b. Get countries (T02)
 - c. Get locations (T03)
 - d. Get interests (T04)
 - e. Get reasons (T05)
 - f. Get current location (T06)
 - g. Check current version (T09)
- User views a new website
 - a. Get site summary (T07)
- User reports a page as accessible or inaccessible
 - a. Report page (T08)
- Periodically update location
 - a. Get current location (T06)

2.2 Browser startup / initialization



The screenshot shows the 'HERDICT WEB' interface with the text 'Create a report below'. The form includes the following fields:

- Url: herdict.org
- Country: United States
- ISP: COMCAST CABLE COMMUNICATIONS INC
- Location: Choose your location
- Category: Choose a category
- Usefulness: Is this site useful to you?
- Cause of Inaccessibility: Why do you think this site is inaccessible?
- Comments: (empty text area)

At the bottom, there is a section labeled 'This site is...' with three buttons: 'Inaccessible', 'Accessible', and 'Cancel'.

There are many optional and required fields that a user can submit along with their report. This screenshot of the Firefox extension shows the complete list. The Country, Location, Category, Usefulness, and Cause of Inaccessibility are all dropdown lists populated with reference data from the server. The values for these lists are retrieved using transactions T01-T05. The labels and values are localized into the user's language, based on the preferred locale in the header of the HTTP request.

The user's ISP and default country are also retrieved from the server, based on a reference table that does a lookup based on the user's IP address. This information is retrieved using transaction T06. Finally, a version check on the plugin is done using T09. The form of this

transaction is platform-dependent.

2.3 User views a new website

When a user browses to a new website, the plugin sends the current location and site to the server and receives a summary of accessibility reports for that site, both globally and in the user's country. This is done using T07.

The plugin can then display this back to the user. The IE and Firefox plugins do this using a colored sheep icon and tool tip. To reduce load on the server, the summary should only be retrieved for a site only once in each browser session.

2.4 User reports a page as accessible or inaccessible

When a user reports a page as inaccessible or accessible the plugin may collect additional information from the user, and then submits a report to the server, as described in T08

2.5 Periodically update location

As a user may change their location without restarting the browser (for example, putting a laptop to sleep at work, and then bringing it home), the plugin may periodically update the user's location using T06.

2.6 T01 – Get categories

Request:

<http://www.herdict.org/action/ajax/plugin/init-categories/{version}>

Example:

<http://www.herdict.org/action/ajax/plugin/init-categories/FF0.9>

Response:

JSON formatted array of dictionaries with “value” and “label” tags

Example:

```
[{"value":"tag.news","label":"News/Information"}, {"value":"tag.entertainment","label":"Entertainment/Gaming"}, {"value":"tag.politics","label":"Politics"}, {"value":"tag.humanrights","label":"Human Rights"}, {"value":"tag.communities","label":"Social networks/communities"}, {"value":"tag.sexual","label":"Sexually explicit"}, {"value":"tag.health","label":"Health"}, {"value":"tag.blogs","label":"Blogs/blogging platforms"}, {"value":"tag.religion","label":"Religion"}, {"value":"tag.internettools","label":"Internet tools/proxies"}, {"value":"tag.filesharing","label":"P2P/bittorrent/file-sharing"}]
```

2.7 T02 – Get countries

Request:

<http://www.herdict.org/action/ajax/plugin/init-countries/{version}>

Example:

<http://www.herdict.org/action/ajax/plugin/init-countries/FF0.9>

Response:

JSON formatted array of dictionaries with “value” and “label” tags

Example:

```
[{"value":"AF","label":"Afghanistan"}, {"value":"AX","label":"Aland Islands"}, {"value":"AL","label":"Albania"}, {"value":"DZ","label":"Algeria"}, {"value":"AS","label":"American Samoa"}, {"value":"AD","label":"Andorra"}, {"value":"AO","label":"Angola"}, {"value":"AI","label":"Anguilla"}, {"value":"AQ","label":"Antarctica"}, {"value":"AG","label":"Antigua and Barbuda"}, {"value":"AR","label":"Argentina"}, {"value":"AM","label":"Armenia"}, [more]
```

2.8 T03 – Get locations

Request:

<http://www.herdict.org/action/ajax/plugin/init-locations/{version}>

Example:

<http://www.herdict.org/action/ajax/plugin/init-categories/FF1.0>

Response:

JSON formatted array of dictionaries with “value” and “label” tags

Example:

```
[{"value": "location.home", "label": "Home"}, {"value": "location.work", "label": "Work"}, {"value": "location.school", "label": "School"}, {"value": "location.library", "label": "Library"}, {"value": "location.cybercafe", "label": "Cybercafe"}, {"value": "location.publicwifi", "label": "Public wifi"}, {"value": "location.other", "label": "Other"}]
```

2.9 T04 – Get interests

Request:

<http://www.herdict.org/action/ajax/plugin/init-interests/{version}>

Example:

<http://www.herdict.org/action/ajax/plugin/init-interests/FF1.0>

Response:

JSON formatted array of dictionaries with “value” and “label” tags

Example:

```
[{"value": "interest.low", "label": "Not very useful"}, {"value": "interest.medium", "label": "Moderately useful"}, {"value": "interest.high", "label": "Very useful"}, {"value": "interest.dontunderstand", "label": "Site is in a language I don't understand"}]
```

2.10 T05 – Get reasons

Request:

<http://www.herdict.org/action/ajax/plugin/init-reasons/{version}>

Example:

<http://www.herdict.org/action/ajax/plugin/init-reasons/FF1.0>

Response:

JSON formatted array of dictionaries with “value” and “label” tags

Example:

```
[{"value": "reason.accessible", "label": "This site is accessible"}, {"value": "reason.error", "label": "Unintentional network or server error"}, {"value": "reason.dead", "label": "Dead site / bad URL"}, {"value": "reason.geolocation", "label": "Geolocalational filtering"}, {"value": "reason.govispfilter", "label": "Government or ISP filtering"}, {"value": "reason.institutionfilter", "label": "Institutional filtering"}]
```

2.11 T06 – Get current location

Request:

<http://www.herdict.org/action/ajax/plugin/init-reasons/{version}>

Example:

<http://www.herdict.org/action/ajax/plugin/init-currentLocation/FF1.0>

Response:

JSON formatted dictionary with country name, ISP name, and the IP range in the database that was used to retrieve this information

Example:

```
{"countryLong": "United States", "ipTo": "417005567", "countryShort": "US", "ipFrom": "416940032", "ispName": "COMCAST CABLE COMMUNICATIONS HOLDINGS INC"}
```

2.12 T07 – Get site summary

Since some countries block content based on strings in the URL, including the name of an inaccessible in the URL can lead to the site summary request itself being blocked. Therefore, the server supports ROT13 encoding for site summary requests.

Request:

```
http://www.herdict.org/action/ajax/plugin/site/{encoded_url}/{country}/{encoding}/{version}
```

Example 1 (New York Times in Iran, no encoding):

```
http://www.herdict.org/action/ajax/plugin/site/nytimes.com/IR/none/FF1.0
```

Example 2 (New York Times in US, ROT13 encoding):

```
http://www.herdict.org/action/ajax/plugin/site/algvzrf.pbz/US/ROT13/FF1.0
```

Response:

JSON formatted dictionary with sheep color indicator (0 = green, 1 = yellow, 2 = orange), total global inaccessible reports, total inaccessible reports in the requested country, Herdict site id, url, country.

Example:

```
{"sheepColor": 0, "globalInaccessibleCount": 3, "siteId": 2480, "countryInaccessibleCount": 0, "url": "nytimes.com", "countryCode": "IR"}
```

2.13 T08 – Report page

This transaction reports a site as accessible or inaccessible to Herdict. The fields are:

report_type: siteAccessible | siteInaccessible

report.url: encoded url to be reported

report.country.shortName: two-letter code for the country of the report, as selected by the user

report.subCountry: optional intra-country data (e.g. state, province, city, etc.) reported by the user

report.ispName: name of the user's ISP, as selected by the user

report.location: value from the label/value pair returned by T03

report.interest: value from the label/value pair returned by T04

report.reason: value from the label/value pair returned by T05

report.sourceID: Herdict-assigned source ID

- WEBSITE = 0

- FIREFOX = 1
- IE = 2
- ONI = 3
- TWITTER = 4
- EMAIL = 5
- MOBILE = 6
- GREAT_FIREWALL = 7
- GSOC_TWITTER = 8
- GOOGLE_RUSSIA = 9
- OONIPROBE = 10
- MECHANICAL_TURK = 11

report.tag: either the value from the label/value pair returned by T01, or a value entered by the user

report.comments: user comments

report.extraData: other information reported by the user

defaultCountryCode: two-letter code for the country of the report, as retrieved by T06

defaultISPName: name of the user's ISP, as retrieved by T06

encoding: ROT13 if the URL is ROT13 encoded, any other value otherwise

Request:

`http://www.herdict.org/action/ajax/plugin/report?{report_type}&report.url={report.url}&report.country.shortName={report.country.shortName}&report.subCountry={report.subCountry}&report.ispName={report.ispName}&report.location={report.location}&report.interest={report.interest}&report.reason={report.reason}&report.sourceId={report.sourceId}&report.tag={report.tag}&report.comments={report.comments}&report.extraData={report.extraData}&defaultCountryCode={defaultCountryCode}&defaultISPName={defaultISPName}&encoding={encoding}`

Example:

`http://www.herdict.org/action/ajax/plugin/report?siteInaccessible&report.url=algvzrf.pbz&report.country.shortName=US&report.subCountry=MA&report.ispName=COMCAST&report.location=location.school&report.interest=interest.high&report.reason=reason.dead&report.sourceId=1&report.tag=tag.news&report.comments=&report.extraData=&defaultCountryCode=US&defaultISPName=COMCAST&encoding=ROT13`

Response:

The string "SUCCESS" if successful, or an HTTP Error 500 on failure

Example:

SUCCESS

2.14 T09 – Check current version

The purpose of this transaction is to check whether there is a more recent version of the plugin, and take the necessary action. It is platform specific.

For the Firefox plugin, we use the standard Firefox update mechanism, using the RDF file at <http://www.herdict.org/assets/update.rdf>.

For the IE Toolbar, we check the contents of the file at <http://www.herdict.org/assets/ie-version.txt>, and check to see if the version string in that file is more recent than the version of the currently running toolbar

3. Herdict Widgets

3.1 Country Widget

3.1.1 Introduction

The Herdict Country widget will display the sites that are most frequently reported as being inaccessible in a particular country.



To add the Herdict Country widget to your webpage, simply add the following HTML code to your page where you want the widget to appear:

```
<script src="//herdict.org/widgets/country.load.js"></script>
```

By default, the widget will use the browser's country (as determined by their IP address) as the country to display, and show the number of accessible and inaccessible reports over the past year.

The widget can be configured with the following parameters:

Parameter	Description	Example	Default Value
days	The number of days from the current date at which to begin summarizing data	180	365
country	The two-character country code (ISO standard?) for which to display the most inaccessible sites	CN	None (will display the most inaccessible sites for the browser's set country)
list	The name of the selected Herdict list for which you want to display the most inaccessible sites on that list in the given country	ryanb	None

To configure the widget, append the desired parameters and values to the `<script>` tag's `src` attribute as a querystring.

3.1.2 Examples

Display the Herdict Country widget with information about the browser's country over the past year:

```
<script src="//herdict.org/widgets/country.load.js"></script>
```

Display the Herdict Country widget with information about the browser's country over the past 6 months:

```
<script src="//herdict.org/widgets/country.load.js?days=180"></script>
```

Display the Herdict Country widget with information about China:

```
<script src="//herdict.org/widgets/country.load.js?country=CN"></script>
```

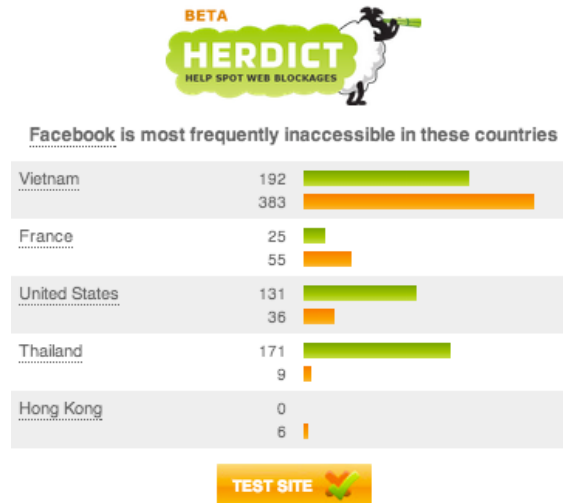
Display the Herdict Country widget with information about ryanb's list in the browser's country over the past month:

```
<script  
src="//herdict.org/widgets/country.load.js?list=ryanb&days=30"></script>
```

3.2 Site Widget

3.2.1 Introduction

The Herdict Site widget will display the countries which most frequently report a particular website as being inaccessible.



To add the Herdict Site widget to your webpage, simply add the following HTML code to your page where you want the widget to appear:

```
<script src="//herdict.org/widgets/site.load.js"></script>
```

By default, the widget will use the webpage's URL as the site to display, and show the number of accessible and inaccessible reports over the past year.

The widget can be configured with the following parameters:

Parameter	Description	Example	Default Value
days	The number of days over which to summarize reports	180	365
site	The URL of the website to display	twitter.com	None (will display the statistics for the site on which the calling webpage is located)
list	The username of the list to display (will override site)	ryanb	None

To configure the widget, append the desired parameters and values to the `<script>` tag's `src` attribute as a querystring.

3.2.2 Examples

Display the Herdict Site widget with information about the current site over the past year:

```
<script src="//herdict.org/widgets/site.load.js"></script>
```

Display the Herdict Site widget with information about the current site over the past 6 months:

```
<script src="//herdict.org/widgets/site.load.js?days=180"></script>
```

Display the Herdict Site widget with information about Facebook:

```
<script src="//herdict.org/widgets/site.load.js?site=www.facebook.com"></script>
```

Display the Herdict Site widget with information about ryanb's list over the past month:

```
<script src="//herdict.org/widgets/site.load.js?list=ryanb&days=30"></script>
```

4. Version History

Date	Updated By	Changes made
October 21, 2011	Jeffrey Licht (jeff@podconsulting.com)	Initial version.
October 28, 2011	Jeffrey Licht	Added "Download all reports" section.
November 1, 2011	Jeffrey Licht	Removed language, latitude, longitude fields. Changed dates to ISO 8601 format.
November 4, 2011	Jeffrey Licht	Clarified time zone for date query parameters.
March 24, 2013	David Wong (d Wong@podconsulting.com)	Added report summary API endpoints.
March 29, 2013	David Wong	Added "hide" column description to the full report export.
July 9, 2013	David Wong	Added list parameters, updated formatting of example requests.
July 30, 2013	David Wong	Added report submission API
January 31, 2014	David Wong	Combined Query API, Plugin API and Widget information.