Pro Bono Net **Resources** Web Service

Version 1.120080715

OVERVIEW

The Pro Bono Net (PBN) Advocate Web Service is a Representational State Transfer (REST) based application programmable interface (API) enabling computer to computer information exchange and communication. It is designed to empower external applications to access and interact with content within the PBN data store.

This document outlines the Pro Bono Advocate Resource API, allowing interaction with the Resources or Library items posted in the PBN Advocate System (Service).

RESOURCE SERVICE

Summary of Resources Available at the Resources Service
- http://api.probono.net/resources/current
- http://api.probono.net/resources/new
- http://api.probono.net/resources/updated
- http://api.probono.net/resources/removed

http://api.probono.net/resources/current

Returns a feed of the current Resources from the Service. Items are returned are ordered by their creation date with the most current resource shown first.   The dtspan parameter applies to the creation for the resource.

Methods Supported
- GET

Parameters

Name	Default	Comments
listing	detail	
dtspan	{currentdatetime}	The span can be used to filter for only Resources that were where created between the two dates or after the single date specified.
page	1	
limit	15	
topics		A list of NSMI codes to filter the results on

Examples
Returns a summary of the first upcoming 15 Resources items published in the Service.

```
http://api.probono.net/resources/current
```

http://api.probono.net/resources/new

Returns new Resources added to the Service.

Methods Supported

- GET

Parameters

Name	Default	Comments
listing	detail	
dtspan	{currentdatetime}	The span can be used to filter for only new items between the two dates or after the single date specified.
page	1	
limit	15	
topics		A list of NSMI codes to filter the results on

Examples

Returns the top 50 Resources that were added between Jan 1, 2006 and Feb 1, 2007.

```
http://api.probono.net/resources/new?dtspan=2006-01-01T00:00:00Z/2007-02-01T00:00:00Z&limit=50
```

http://api.probono.net/resources/updated

Returns the Resources that have been updated during the date time span provided in the dtspan parameter. By default the first item will be the most recently updated item, or the Resource that was updated closest to the first date in the dtspan parameter.

Methods Supported

- GET

Parameters

Name	Default	Comments
listing	detail	
dtspan	{currentdatetime}	Correlates to a Resource's last updated date time.
page	1	
limit	15	
topics		A list of NSMI codes to filter the results on

Examples

Returns a listing of the items numbered 150-199 that were updated between Jan 12, 2007 at 5:31PM UTC and Jan 15, 2007 at 10:15AM UTC.

```
http://api.probono.net/resources/updated?dtspan=2007-01-12T01:15:00Z/2007-01-15T10:15:00Z&page=3&limit=50
```

http://api.probono.net/resources/removed

Returns Resources that have been removed from the Service during the date time span provided in the dtspan parameter. The results are sorted by listing the items in the order they were removed, starting with the most recent removed item or the item closes to the start date in the dtspan parameter.

Methods Supported

- GET

Parameters

Name	Default	Comments
listing	list	
dtspan	{currentdatetime}	Correlates to an item's removal date. A single date will limit the results from that date to the current date.
page	1	
limit	15	
topics		A list of NSMI codes to filter the results on

Examples

Returns the first 15 Resources items that were removed since Feb 12, 2007.

```
http://api.probono.net/resources/removed?dtspan=2007-02-12T00:00:00Z
```

XML SCHEMA

Namespaces

The Event XML schema is composed of three xml standards to present event information. The default namespace elements are defined in the ATOM 1.0 specification, Amazon's Open Search specification is used to define record set metadata and the PBN namespaced elements outline Pro Bono Net specific item metadata.

Feed Element

The feed element encapsulates the items returned in the request. It contains information about the items returned including pagination, and a date the feed was last updated. There will only ever be one feed element per request.

The frequency column specifies how many elements may be specified in the field.

Element	Frequency	Comments
title	1	Title of the feed requested
updated	1	Date/Time the feed was last updated. ISO 8601 format
os:totalResults	0-1	The total number of results matching the request
os:startIndex	0-1	The index of the first item in the feed
os:itemsPerPage	0-1	Items per page. Number of items represented in the current feed
link@rel=self	1	URL to the feed being requested

Element	Freq	Form Mapping	Comments
link@rel=next	0-1		URL to the next page of the feed if the total number of results is larger than the index of the last item in the feed.
link@rel=prev	0-1		URL to the previous page of the feed if it exists.

Resource Entry Element

The entry element encapsulates a single Resource. There may be any number of entry elements inside the feed element with each representing a specific Resource item.

Element	Freq	Form Mapping	Comments
id	1		Unique resource name of the Resource in the format urn:probono-net:{id} {id} represents the internal unique ID for the item within the Service.
title	1	Title	The title of the resource. Max of 500 characters
content	1	Description	The description of the Resource. The length of this element text is not limited and will may contain escaped HTML.
author	1		Container element holding the information about the source practice area that published the event.
author/name	1		The name of the advocate practice area. Max length is 255 characters
author/uri	1		The URL to the source advocate practice area home page
category	1+	Area Topics	Represents the top level standard problem codes the event is tagged with. One or more category elements will always be included for each event.
category@scheme	1		Contains a URL to the published national index of problem codes
category@term	1		The text label of the problem code. Max length is 125 characters
category@pbn:id	1		The Topic Code ID associated with the event
link@rel=alternate	0-1		URL to the HTML version of the event on the PBN Advocate site. Max 500 characters
link@rel=self	1		A link to the single content item in the API. Max 500 charaters
link@enclosure	1*	Attachments	Links to the attachments of the resource. Can either be a web site URI or a link to a downloadable file. Every item will have one or more link@enclosure or link@via elements.
link@via	1*	Attachments	A link to the source of the information the resource is about. Every item will have one or more link@enclosure or link@via elements.
published	1		ISO 8601 representation of the date and time the event was published
updated	1		ISO 8601 representation of the date and time the event was last updated
pbn:date	1	Creating Date	ISO 8601 posting date set as the creation date on the resource.
pbn:review	1	Review Date	ISO 8601 date the item is up for reveiw.
pbn:type	1	Document Type	The type of document that the Resource represents. Max length of 1000 characters
pbn:type@id	1		The internal Service ID for the document type. An integer
pbn:originator	1		Container holding contact information for the item.
pbn:originator/name	0-1	Author First Name Author Last Name	The first and last name of the author entered for the Resource. Max length of 201 characters

pbn:originator/email	1	Author Email	The email address for the entered author of the Resource. Max 100 characters
pbn:originator/organization	1	Author Organization	The name of the organization for author of the Resource. Max of 500 characters
pbn:contact/organization@islscfunded	1	LSC Funded?	Yes/No value signifying if the associated organization is LSC Funded
pbn:coverage	1		Container for elements describing the geographic coverage of the event
pbn:coverage/country@id	1		One or more country elements can exist. Each country element defines coverage for the event in that country. The ID is the standard country code for the coverage
pbn:coverage/country	1+		The text in the element is the full name of the country the event applies to. Can contain multiple state elements
pbn:coverage/country/state	1+		The text of the element is the full name of the state the event covers. Max length of a state name is 75 characters
pbn:coverage/country/state@id	1		The standard abbreviation of the coverage for the event.