



# **Events RSS Service**

## User Guide

Enterprise Systems and Services  
Sept 2009

## 1. Events Calendar RSS Service

University Events Calendar application provides an RSS feed of events. Events can be downloaded as an RSS feed by accessing the following URL:

**<http://ruevents.rutgers.edu/events/getEventsRss.xml>**

The feed contains both the standard RSS information (title, description, and link) and additional calendar-specific data. The value of each field is described in detail in Section 3 of this document.

By default, the feed includes hundreds of events based on the following criteria:

- Event must be approved for being posted to Rutgers Calendar of Events
- Event must not have concluded by the current date

Customizing the feed so that it includes events based on more specific criteria is described in Section 4 of this document.

## 2. RSS Structure

The general structure of the XML document is as follows. Please see Section 3 (Fields within the item tag) for a detailed description of information available about each event.

```
<rss>
<channel>
  <title>...</title>
  <link>...</link>
  <description>...</description>
  <language>...</language>
  <docs>...</docs>
  <event:itemCount>...</event:itemCount>
  <item>...</item>
  <item>...</item>
...
  <item>...</item>
</channel>
</rss>
```

### 3. Fields within the Item Tag

Name	Type	Description	Req	Example
title	Up to 255 chars	Title of event	Y	Dining Etiquette
link	Up to 255 chars	Link to event details in Calendar	N	http://ruevents.rutgers.edu/events/displayEvent.html?eventId=33309
description	Up to 300 chars	Event synopsis	N	The walking tour, which takes about an hour, explores the origins of Rutgers, its traditions, and architectural points of interests. The area includes some of the university's oldest buildings. There is no charge for individuals for the regularly-scheduled tours.
event:additionalInfo	Up to 2000 chars	Description of event	N	Experience the "art" of conducting business during a meal. Dine while you learn [...]
event:beginDate Time	yyyy-MM-dd HH:mm:ss EEE	The begin and end dates and times for event	Y	2007-04-04 17:30:00 Wed
event:endDate Time	yyyy-MM-dd HH:mm:ss EEE		Y	2007-04-04 20:00:00 Wed
event:buildingNo	String of 5 digits	BuildingNo, location and address in personnel.building table. This maps to building numbers in maps.rutgers.edu	Y	3145
event:location	Up to 50 chars			Rutgers Club
Event:address	Up to 23 Chars			199 College Avenue
event:campusCode	String of 2 digits	Campus name and code (see Section 5).	N	01
event:campus	Up to 10 chars		N	College Av
event:city	Up to 50 chars	City, state, and country where the event takes place, as specified by the creator of event	N	New Brunswick
event:state	Up to 50 chars		N	NJ
event:countryCd	2 chars		N	US
event:room	Up to 50 chars	Room; free-form field, as entered by the creator of event	N	
event:speaker	Up to 255 chars	Speaker; free-form field, as entered by the creator of event	N	Doug Ricci and Tina Vance-Knight
event:sponsor	Up to 255 chars	Sponsor of the event; free-form field, as entered by the creator of event	Y	Career Services

event:fee	Up to 30 chars	Free-form description of the fee needed to participate	Y	N/A
event:url	Up to 255 chars, includes http:// or https://	URL where more details about the event may be found	N	http://careerservices.rutgers.edu
event:hotInd	Number, 0 or 1	A flag used for sorting; causes an event to be displayed at the top of its day. Of course, it is possible for the consumer of the RSS to re-sort events differently when rendering	Y	0
Event:specialCriteria	Up to 30 chars	Special criteria	N	Call to sign-up, Space limited
event:contactName	Up to 50 chars	Contact person for the event, as entered by the creator of event	N	Career Services at 46 College Avenue
event:contactEmail	Up to 50 chars	Contact email for the event, as entered by the creator of event	N	careerservices46@careers.rutgers.edu
event:contactTelephone	Up to 50 chars	Contact telephone for the event, as entered by the creator of event	N	(732) 932-7997
event:creationDate	yyyy-MM-dd HH:mm:ss EEE	Time when event was created, system-generated	Y	2007-01-18 12:21:51 Thu
event:modifyDate	yyyy-MM-dd HH:mm:ss EEE	Time when the event was last modified (blank if the event was not modified since creation)	N	2007-01-18 12:40:26 Thu
event:userName	LastName, FirstName up to 46 chars	The name of the user who created the event (in people person_rcp table)	N	Kubu, Evangeline
event:orgID	Number, 10 digits	Organization ID and name in Calendar organizations table. All organizations that submits events to the calendar have organization ids	Y	5878
event:orgName	Up to 100 chars		Y	Career Services Communications and Marketing
event:cancelStatus	Number, 2 digits	One of the predefined cancellation statuses	Y	0
event:cancelStatusName	Up to 50 chars		Y	Scheduled
event:status	Number, 2 digits	Currently, only events with status code 1 are returned by RSS feed	Y	1
event:statusName	Up to 50 chars		Y	Approved
event:statusModificationDate	yyyy-MM-dd HH:mm:ss EEE	Date/Time when event's status was last changed, for instance, the time when the event was	N	2007-01-18 12:44:18 Thu

		approved		
event: category	Number, 10 digits	One of 14 predefined categories, or "Other" (see Section 5)	N	3
event:categoryName	Up to 100 chars		N	Career
event:featured	1 char, 0 or 1	Featured flag, used to control what appears on the main Rutgers website and in the My Rutgers portal. Only events that have featured value of 1 are displayed	Y	0
event:targetAudienceCodes	Number, 2 digits	One of the 13 predefined targetAudienceCodes. (See Section 5)	N	5
event:targetAudienceDescriptions	Up to 50 chars.	See above	N	

## 4. Customizing the RSS Document

The events can be filtered by the following types of criteria:

Description	Parameter	Values	Searches Against
Campus Code(s) or name	campusCode	01-11 or 99 (see Section 5)	event:campusCode
	campus	A list of numeric campus codes, such as campus=01,02,03 Or a single word NB, CAMDEN, or NEWARK NB stands for the list 01,02,03,06,09,10; NEWARK stands for 04; CAMDEN stands for 05	
Number of days to count forward from today	numberOfDays	numberOfDays=N, where N > 0 to get events which start today or up to N days later	event:beginDateTime
Events that start no earlier than the specified date	fromDate	MM/DD/YYYY	event:beginDateTime
Events that end no later than the specified date	toDate	MM/DD/YYYY	event:endDateTime
Featured events	featured	Add featured=1 to query string to get only featured events, add featured=0 or leave out the parameter to get all events	event:featured
Building Number	buildingNo	4 digit number	event:buildingNo
Category Code(s)	categoryId	categoryId=N, where N is a number from 01 to15 (see Section 5)	event:category
	categoryList	comma-separated list, such as categoryList=02,13	
Organization ID(s)	orgId	Number, such as orgId=16	event:orgId
	organizations	comma-separated list, such as organizations=14,15,16	
Keyword	keyword	Text string	event:title, event:additionalInfo, event:room, event:speaker, event:sponsor, event:contactname,

			event:city, event:state
Target Audience	targetAudienceRssList	comma-separated list, such as targetAudienceRssList=5,6	event:targetAudienceRssList

**Note:** If fromDate is empty, but toDate given, search all events endDateTime <= toDate.  
If toDate is empty, but fromDate given, search all events beginDateTime >= fromDate

Any combination of these parameters can be added to the URL as query string. Multiple parameters are separated with ampersands. Some examples:

To look at events in New Brunswick that take place in the next three days, one could invoke <http://ruevents.rutgers.edu/events/getEventsRss.xml?campus=NB&numberOfDays=3>

To search for all events during the month of June 2007  
<http://ruevents.rutgers.edu/events/getEventsRss.xml?fromDate=6/1/2007&toDate=6/30/2007>

To search for events between Sept 14 2009 & Sept 24 2009 and the target audience is Faculty & Staff:  
<http://ruevents.rutgers.edu/events/getEventsRss.xml?fromDate=9/14/2009&toDate=9/24/2009&targetAudienceRssList=5,6>

To search for all featured events on Douglas Campus  
<http://ruevents.rutgers.edu/events/getEventsRss.xml?campusCode=09&featured=1>

To search for events from the following three organizations  
<http://ruevents.rutgers.edu/events/getEventsRss.xml?organizations=16,343,2711>



## 5. Abbreviations and Codes

### **Table of Campus Names**, as of January 15, 2009

- 01 COLLEGE AV
- 02 BUSCH
- 03 LIVINGSTON
- 04 NEWARK
- 05 CAMDEN
- 06 COOK
- 09 DOUGLASS
- 10 NEW BRUNSWICK CAMPUS-WIDE (not an “official” campus code, only works in conjunction with building code 9910, the NB campus-wide location)
- 11 ONLINE (not an “official” campus code, only works in conjunction with building code 9911, the online location)
- 99 OFF CAMPUS

### **Table of Categories**, as of April 4, 2007

- 1 Alumni
- 2 Art
- 3 Career
- 4 Clinic
- 5 Film
- 6 Meeting
- 7 Multicultural
- 8 Performance
- 9 Religious
- 10 Special Event
- 11 Sporting Event
- 12 Talk, Lecture, Seminar
- 13 Testing
- 14 Workshop, Course
- 15 Other

### **Table of Target Audience** as of Sept 2009

- 1 Current Students
- 2 Undergraduate Students
- 3 Graduate Students
- 4 Prospective Students
- 5 Faculty
- 6 Staff
- 7 Alumni
- 8 General Public
- 9 Parents & Families
- 10 Donors & Supporters
- 11 Researchers
- 12 Visitors
- 13 Commuters

## 6. RSS Example

The following is a sample of the RSS produced by the Events RSS Service. Some items have been omitted for brevity.

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
<rss version="2.0"
xmlns:event="http://ruevents.rutgers.edu/events/FeaturedEventRSS#">
<channel>
<title>Events Calendar RSS Service</title>
<link>http://ruevents.rutgers.edu/events</link>
<description>Events from the Rutgers University Events Calendar</description>
<language>en-us</language>
<docs>http://blogs.law.harvard.edu/tech/rss</docs>
<event:itemCount>14</event:itemCount>
<item>
<title>Douglass College Reunion</title>
<link>http://ruevents.rutgers.edu/events/displayEvent.html?eventId=32475</link>
  <event:additionalInfo>Weekend highlights include a tour of College Hall and
the Clock Tower, an All-Alumnae Dinner with featured speaker History
Professor Annett Gordon-Reed, a Red Pine Ambassador reunion, a Spa Program
sponsored by the Young Alumnae Network, and an Author's
Corner.</event:additionalInfo>
  <event:beginDateTime>2007-06-01 00:00:00 Fri</event:beginDateTime>
  <event:endDateTime>2007-06-03 23:59:50 Sun</event:endDateTime>
  <event:buildingNo>8324</event:buildingNo>
  <event:location>Ruth Schilling Hennessey Alumnae Center</event:location>
  <event:address>181 Ryders Lane</event:address>
  <event:campusCode>09</event:campusCode>
  <event:campus>Douglass</event:campus>
  <event:city>New Brunswick</event:city>
  <event:state>NJ</event:state>
  <event:countryCd>US</event:countryCd>
  <event:room />
  <event:speaker />
  <event:sponsor>Associate Alumnae of Douglass College</event:sponsor>
  <event:fee>Per registration form</event:fee>
  <event:url>http://douglassalumnae.rutgers.edu</event:url>
  <event:hotInd>0</event:hotInd>
  <event:specialCriteria />
  <event:contactName>Debbie Spenard</event:contactName>
  <event:contactEmail>dougalum@winants.rutgers.edu</event:contactEmail>
  <event:contactTelephone>(732) 932-2880</event:contactTelephone>
  <event:creationDate>2006-12-19 11:54:09 Tue</event:creationDate>
  <event:modificationDate />
  <event:userName>Svizeny, Janice</event:userName>
  <event:orgId>4120</event:orgId>
  <event:orgName>AADC</event:orgName>
  <event:cancelStatus>0</event:cancelStatus>
  <event:cancelStatusName>Scheduled</event:cancelStatusName>
  <event:status>1</event:status>
  <event:statusName>Approved</event:statusName>
  <event:statusModificationDate>2006-12-19 16:01:58
Tue</event:statusModificationDate>
  <event:category>1</event:category>
```

```
<event:categoryName>Alumni</event:categoryName>
<event:featured>0</event:featured>
<event:targetAudienceCodes>5,6,9</event:targetAudienceCodes>
<event:targetAudienceDescriptions>Faculty,Staff,Parents & Families</event:targetAudienceDescriptions>
</item>
[... Events omitted for brevity ...]
<item>
  <title>Gary Saretzky: Blues Musicians</title>
  <link>http://ruevents.rutgers.edu/events/displayEvent.html?eventId=34342</link>
  <event:additionalInfo>A photographic exhibit.</event:additionalInfo>
  <event:beginDateTime>2007-05-03 10:00:00 Thu</event:beginDateTime>
  <event:endDateTime>2007-06-14 23:59:50 Thu</event:endDateTime>
  <event:buildingNo>7219</event:buildingNo>
  <event:location>Dana Library</event:location>
  <event:address>185 University Avenue</event:address>
  <event:campusCode>04</event:campusCode>
  <event:campus>Newark</event:campus>
  <event:city>Newark</event:city>
  <event:state>NJ</event:state>
  <event:countryCd>US</event:countryCd>
  <event:room />
  <event:speaker />
  <event:sponsor>Visual Arts at Rutgers-Newark</event:sponsor>
  <event:fee>N/A</event:fee>
  <event:url>http://www.newark.rutgers.edu/arts</event:url>
  <event:hotInd>0</event:hotInd>
  <event:specialCriteria />
  <event:contactName>Lyn Mullins</event:contactName>
  <event:contactEmail>lmullins@andromeda.rutgers.edu</event:contactEmail>
  <event:contactTelephone>(973) 353-5222</event:contactTelephone>
  <event:creationDate>2007-02-27 10:32:56 Tue</event:creationDate>
  <event:modificationDate />
  <event:userName>Cross, Lashelle</event:userName>
  <event:orgId>16</event:orgId>
  <event:orgName>CIS</event:orgName>
  <event:cancelStatus>0</event:cancelStatus>
  <event:cancelStatusName>Scheduled</event:cancelStatusName>
  <event:status>1</event:status>
  <event:statusName>Approved</event:statusName>
  <event:statusModificationDate>2007-03-01 08:49:16
  Thu</event:statusModificationDate>
  <event:category>2</event:category>
  <event:categoryName>Art</event:categoryName>
  <event:featured>0</event:featured>
</item>
</channel>
</rss>
```