

BACKBASE

Starter Kit



The RSS Starter Kit

1. Introduction

The RSS Starter Kit describes how to install the RSS reader application built using AJAX. The starter kit does not work out-of-the-box because server side technology is used that require installation and configuration. This document describes the installation process of the starter kit, but does not discuss functionality, or the go into the AJAX code. For a functional overview of the RSS application, see the **Manual PDF** section *1.2.3 Example: RSS Reader*. The following screenshot shows the RSS application: it has four columns for displaying RSS feeds that you can show or hide depending on your preferences. The panel that contains the article content can be undocked, resulting in a floating window with the article content.

Backbase AJAX RSS Reader - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

BACKBASE AJAX RSS Reader: [About](#)

Tuesday 28 February 2006 10:23:21

Search Advanced

Show / Hide Columns:

Infoworld	Slashdot	Ajaxian	Backbase Forums
Live Archive	Live Archive	Live Archive	Live Archive
Tuesday 28 February	Monday 27 February	Monday 27 February	Tuesday 21 February
2:59 EMC's Tucci sees changes for storage in 2006	17:59 Blog Epitaphs? Get Me Rewritel	20:34 Edge IO Launched	16:03 History and Backmark problem
1:42 Oracle publishes out-of-cycle security fix	17:59 Interview with California Air Resources Board CIO	16:58 Ajax Scaffold Generator	16:03 Re: fxstyle on outside element
	17:59 Sony, NEC to Merge Optical Drive Teams	15:32 Ajax Multiplayer Chess	16:03 Javascript!
Monday 27 February	17:59 A DVR Security System That Isn't Based on Windows?	Saturday 25 February	16:03 Re: Vanishing caret in FF
22:44 Schwartz: Security to blame for Sun Grid stumble	17:59 Google Maps vs the Rest	15:50 "Future of Web Apps" Podcasts	16:03 Re: Replacing Spans
22:34 Microsoft remains mum on Origami as bloggers flap	17:59 Da Vinci Code Author Sued	Friday 24 February	16:03 Re: fxstyle on outside element
21:33 Update: Google Base will get e-commerce functions	17:59 Recording Earthquakes on the Sea Floor	18:16 Creating sortable lists with PHP and AJAX	16:03 Re: support any browsers?
20:38 Cisco closes Scientific Atlanta	17:59 Breaking Down Barriers to Library	16:41 Rich, accessible pagination with unobtrusive javascript	16:03 Re: Transform example
			16:03 Re: load windows
			16:03 fxstyle on outside element

fxstyle on outside element

Tuesday 21 February, 2006

[Read full article](#)

Hi,

I currently have a table where each cell has a behavior attached to it.

```
[code] <td b:behavior="bgchange" class="cal_cell"> [code]
```

The bgchange behavior captures the "click" event and changes the background color of the cell using fxstyle. In addition to that i would like it to change the height of an element somewhere else on the page. Currently when i click the height of the cell changes because the behavior is triggered from the cell. How do i tell it to resize a panel for example. I tried something like b:destination="id(mypanel)" inside the s:fxstyle tag but that didnt work.

I have a top and bottom panel. I used <b:panelset b:rows="" Opx"> to hide the bottom panel. When the cell is clicked i would like the panel to be resized to say a height of 100px.

Done

2. Installation

System Requirements

The Backbase AJAX RSS Reader requires the following:

- Any operating system (although Unix is preferred, because cron is used)
- PHP 4 or higher
- MySQL
- Backbase Community Edition 3.1.4

2.1 – Installing and Configuring PHP & MySQL

First make sure you have a working PHP and MySQL installation. For installation and configuration information, refer to the PHP and MySQL documentation.

2.2 – Write Access

A cache folder will automatically be created (by server/update.php – see section 2.5) in order to store downloaded items from the RSS feeds, otherwise the RSS-feeds are re-downloaded *every* minute, unnecessarily wasting your and the web site's bandwidth which may result in a ban from certain sites. If the cache folder is not created, you may have to set write access to the directory (meaning that PHP is allowed to write files to that directory) of the starter kit in order to make it work.

2.3 – Creating and Configuring a Database

Create a MySQL database table using the following syntax:

```
CREATE TABLE `articles` (  
  `article_id` int(11) NOT NULL auto_increment,  
  `article_site_id` int(11) NOT NULL default '0',  
  `article_title` varchar(128) collate utf8_unicode_ci NOT NULL default '',  
  `article_description` text collate utf8_unicode_ci,  
  `article_link` varchar(200) collate utf8_unicode_ci NOT NULL default '',  
  `article_date` datetime NOT NULL default '0000-00-00 00:00:00',  
  PRIMARY KEY (`article_id`),  
  KEY `article_site_id` (`article_site_id`),  
  KEY `article_date` (`article_date`)  
) ENGINE=MyISAM DEFAULT CHARSET=utf8 COLLATE=utf8_unicode_ci;
```

2.4 – Configuring your Feeds

Edit the includes/config.inc.php file to enter your database settings; database hostname, username, and password.

Four default feeds are defined, and another four feeds added but commented out. If you want to add your own feeds, use these settings for configuration:

- `$i++;`
- `$config['feeds'][$i]['name']` – the feeds title
- `$config['feeds'][$i]['url']` – the URL of the RSS feed
- `$config['feeds'][$i]['allowHTML']` – choose whether you want HTML to be parsed, or to be transformed to plain text
- `$config['feeds'][$i]['icon']` – location of the icon

Note: Keep in mind that you must specify exactly four RSS Feeds - no more, no less.

2.5 – Setting up the RSS Feed

Create a scheduled job that copies new RSS items to the database. You can run this job on the server, or any other computer that has a permanent internet connection.

On Linux/Unix crontab: enter the following on a single line and replace {your server} with the URL of your server:

```
* * * * * /usr/local/bin/wget -qO - http://{your server}/RSS/server/update.php
```

This calls the `update.php` file every minute: this PHP file downloads only the new RSS-feeds (avoiding excessive load on the RSS feed).

On Window: use the Task Scheduler for the RSS update. If you don't have it already, you will need to install wget for win32. For more information, see:

<http://www.gnu.org/software/wget/wget.html>.

2.6 – Testing the RSS Reader

After installation and configuration is complete, you can run the Backbase AJAX RSS Reader.