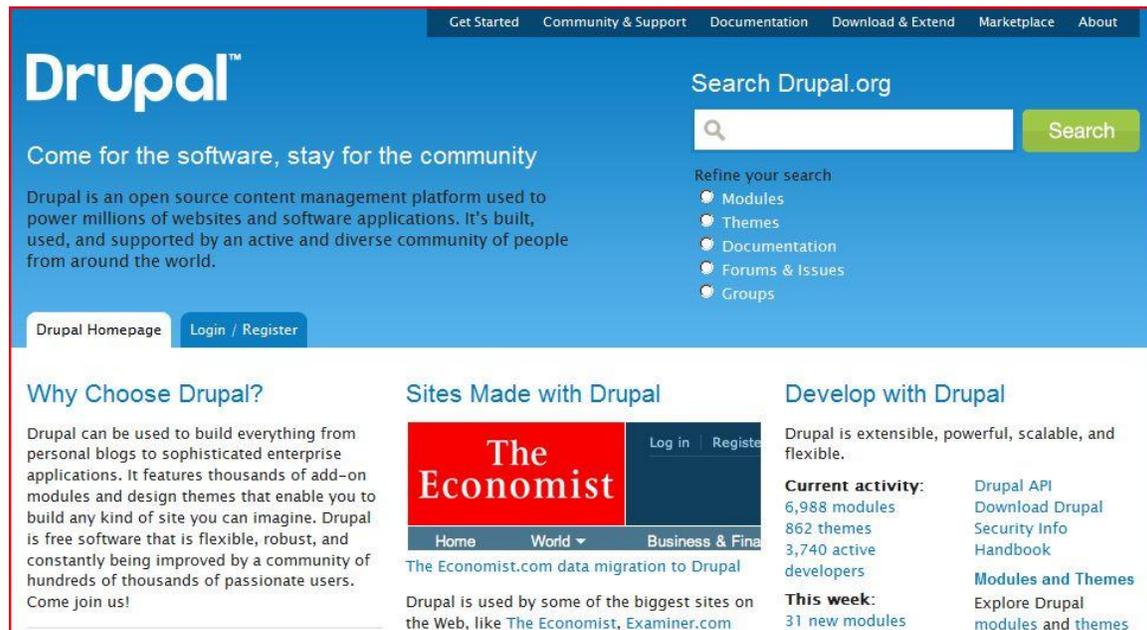


## Insight Into the Redesign of Drupal.org

As active users might already know, Drupal.org has officially completed the redesign project, along with the new Solr search functionality that was introduced and architected by Achieve: Enterprise Drupal. As one of the largest Web development projects in the world, the Drupal.org infrastructure houses nearly 1 million pages for almost 1 million users, and 8,600+ projects and extensive user groups. Now that the project has launched, what can users expect to see on the new site?

Users will now experience a new look and feel to the site that enables them to navigate with much more precision, especially when it comes to searching for Modules, Themes, Documentation, Forums & Issues, and Groups. The new Home page (refer to Figure 1 below) now presents users with the ability to search within each one of these core categories.

Figure 1: Home Page



## Performance Upgrade

The performance enhancement included adding caching to various poorly performing front-page elements as well as the recently updated document page. This greatly enhances the accuracy of activity data found on the Home page and improves users' ability to access content (refer to Figure 2).

As always, community feedback is incredibly important to the evolution of Drupal's open-source technology. Over the past few weeks/months, Achieve lead various performance and quality control (QC) initiatives designed to give the Drupal community a voice throughout the evolution of Drupal.org. To ensure site performance, Achieve

defined the resolution strategy, developed information enabling developers to tackle various issues, and then reviewed and reported on the progress. Special thanks to everyone who's helped along the way.

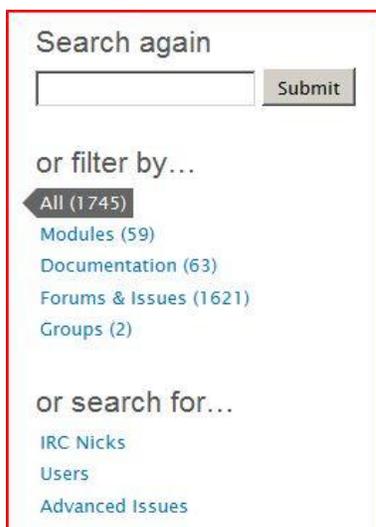
*Figure 2: Activity Data Caching*



## Solr Search

Tasked with improving the Solr search, Achieve upgraded search parameter capabilities which allows for more rich faceting. So how does it work? Upon conducting a search on any given keyword or phrase, users will now find additional, and more intuitive filtering capabilities in the right-hand column (refer to Figure 3 below). In addition, Achieve built the foundation to allow vocabularies to be associated with project taxonomy terms in order to improve the overall flexibility of project tagging and enhance users' ability to find relevant content. Users can also find the search box conveniently at the top of each search page after the search has been conducted.

*Figure 3: Search Filtering*



## Introducing Apache Tika

One of Drupal.org's great strengths lies in its ability to share information through various file types attached to individual modules. However, additional work must be done to ensure high-quality search results. Coming soon to the Solr search functionality will be the integration of an extension library called Apache Tika. This will serve as a toolkit able to harness existing parser libraries to extract meta data and other content. For those of you less familiar with Tika, it enables developers to search through these file types in addition to content found on unique Drupal.org' Web pages. Tika also allows one to get text and meta data from zipped files, images, word processing docs, and other attachments.

One of Achieve's primary goals when designing all these elements was to make it easy to add additional taxonomies to project types in order to increase faceting functionality. Therefore, down the road, if Drupal.org users would like to introduce additional filtering elements, the new architecture provides a stable and highly flexible environment to do just this.

Specializing in the architecture and planning phases of Enterprise Drupal projects that require scalability and integration makes Achieve uniquely qualified for playing their part in the Drupal.org redesign. For more than a decade, Achieve has built some of the most dynamic and expansive Enterprise Drupal websites on the market today for organizations such as Disney, NBC Universal, Viacom, FastCompany, Bella Pictures, and LifetimeTV. Hiring only the best and brightest talent in the industry, Achieve's team of Drupal experts provide value and innovation, while always delivering quality projects on time and within budget. For more information on Achieve and its team of developers who have more than 30,000 hours of architecting, developing, and deploying Drupal websites, visit [www.AchieveInternet.com](http://www.AchieveInternet.com) or call 877-869-8080.