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Abstract: The RiNG website is the main on-line dissemination tool of the project. It is accessible via IPv6 and IPv4 at http://www.ist-ring.eu (.org, .com, .net). The web site provides information, with a user-friendly interface design and structure for accessing all the project relevant information, including all the public documents (deliverables, papers, presentations, standards), news, press releases, events, routing cluster, and general partners' data. Along this, it is an interface for private partners' areas. The secured private areas and FTP repository are platforms for all document exchanges among project partners, including the mail archive.
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Keywords: Dissemination, Events, IPv6 Cluster, News, Partners' Private Area, Publications, Routing Cluster.

Revision History

The following table describes the main changes done in the document since its creation.

Revision	Date	Description	Author (Organization)
v1.0	25/10/2006	Document creation	César Olvera (Consulintel)
v1.0	26/10/2006	Document update	César Olvera (Consulintel), Raúl Montejano (Consulintel), Miguel Angel Díaz (Consulintel)
v1.2	28/10/2006	Document closed	Jordi Palet (Consulintel)

Executive Summary

The document describes the characteristics of RiNG project website, main tool for on-line dissemination of all project relevant information, such as documents, standards, presentations, news and events related to RiNG work scope.

The website also provides tools to partners for facilitating the interchange of information and documents via FTP, Rsync, Wiki and easy access to the exploders of the mailing list.

The website also provides basic information regarding the project partners, and links to their own websites.

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1. INTRODUCTION

The aim of the RiNG project web site is to store all kind of information about the project (including documents, deliverables, news, etc), so interested people can easily reach it.

The web site can be accessed with IPv6 and IPv4 at any of the following URLs:

- <http://www.ist-ring.eu>
- <http://www.ist-ring.org>
- <http://www.ist-ring.com>
- <http://www.ist-ring.net>

The web site has a simple structure divided in two main sections: Public area and Private partners' area. The diagram of such areas is depicted in Figure 1-1.

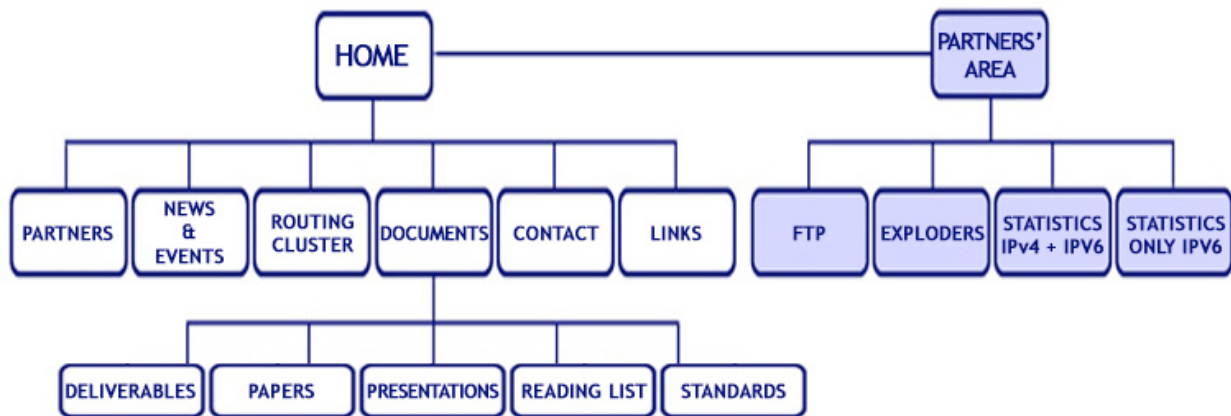


Figure 1-1: Website Structure

The pages of the web site have a simple composition. Although they have three differentiated parts, they are not composed of frames. The three parts are:

- 1) A header placed at the top of the page, where the RiNG project, the Information Society Technologies (IST) and IPv6 Cluster logos are present, as well as the acronym and title of the project. The RiNG logo always links with the home page, whereas the IST logo and IPv6 Cluster logo link with the correspondent web sites. In addition, in the top of the header is a message indicating what IP protocols (IPv6/IPv4) are using the user to access the web server as well the specific IP address of the host from which the access is being performed (for example for IPv6, "You are using IPv6 from: 2001:7f9:400:1:1::132")
- 2) The options menu at the left side of the page, from which the user can access to different sections of the site. In this menu appears options on two different fonts:

- The general options appear with a bigger font size and bright blue color.

DOCUMENTS

Figure 1-2: Menu General Option

- When required, there are sub-options which group or divide the content within general options. The sub-options are displayed with a smaller font size and slightly darker blue color.

STANDARDS

Figure 1-3: Menu Sub-Option

3) The central part, where the contents of each section will be shown.

The first two parts are fixed and they do not change during the browsing process, while the third one is different for each section.

2. HOME PAGE

The Home page of the web site is the first page shown when someone access to the site. This page looks as shown in Figure 2-1.

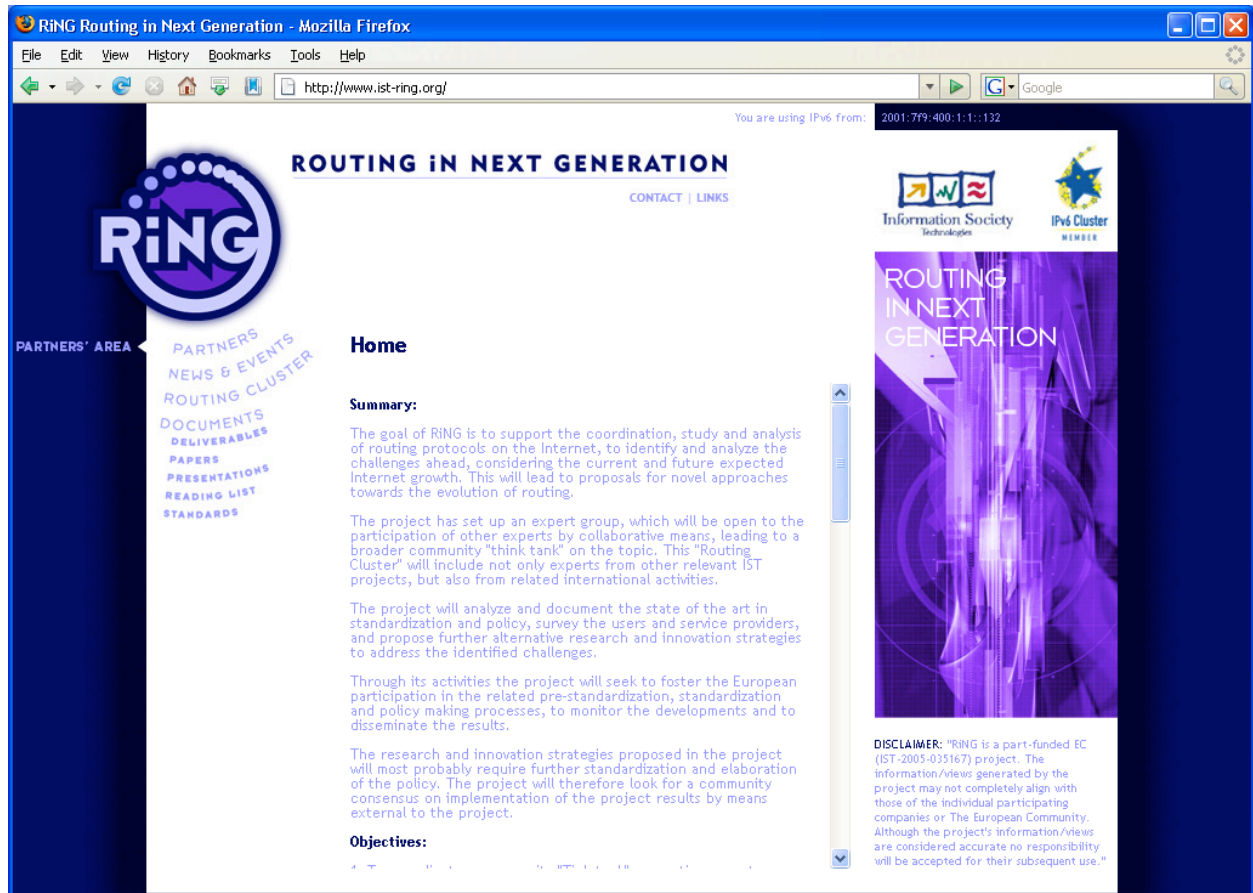


Figure 2-1: Website Home Page

As it can be seen in the figure, is easy to distinguish the three parts described in the introduction section of this document.

The text of the central part is a brief description of the project. In order of appearance the content shows:

- A Summary highlighting the main goals of the project.
- The project objectives.
- The innovation work on routing areas that will be tackled by RiNG.
- Technology approach to be used by the project.

The Home page also contains the project disclaimer, stating the characteristics of the information provided by the site.

Besides the information shown in the page and, as commented in the introduction, the users can use the menu on the left for accessing to the different public sections of the site, described below in the following sections.

3. PARTNERS

This section shows information about the project partners as illustrated in Figure 3-1.



Figure 3-1: Partners Page

The information of each partner consists of:

- The logo of the company. This image links with the company web site in a new window.
- A brief descriptive text of the company, where the main activities of the company are stressed.

Moreover, each partner has a “More (Information) ...” link that will open a new small window with more complete information of the partner. The Figure 3-2 shows one of these windows.



Figure 3-2: Partner Information Window

4. NEWS & EVENTS

The News & Events section will show the RiNG and Routing related news and events. See Figure 4-1.

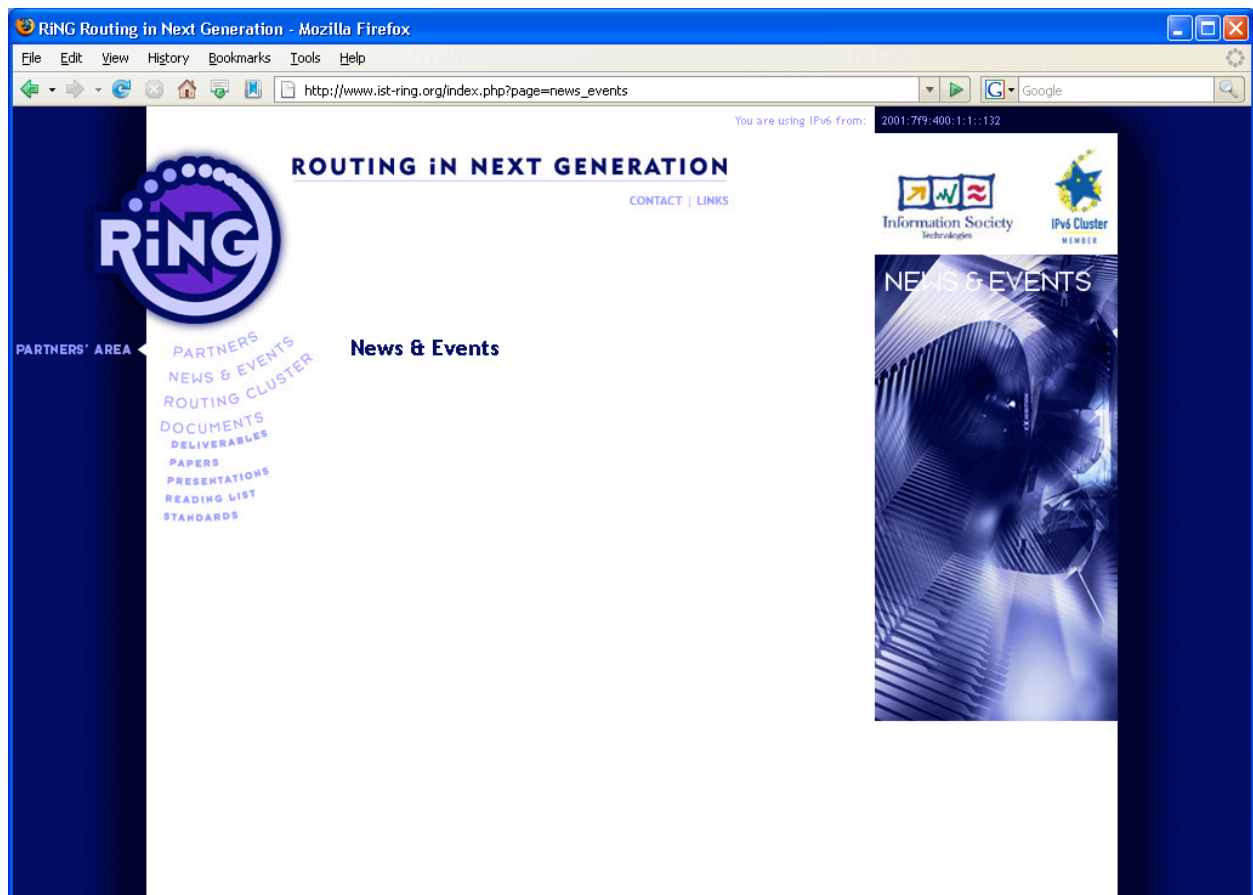


Figure 4-1: News & Events Page

The specific RiNG news will be shared with the well know IPv6 News section of the IPv6 Cluster / The IPv6 Portal (<http://www.ipv6tf.org>).

In this way the RiNG News & Events will be advertised in both RiNG and The IPv6 Portal web pages, reaching a broader audience and increasing the dissemination and awareness of RiNG activities.

The news will be ordered by its publication date, with the most recent at the top of the page.

5. ROUTING CLUSTER

The open "Routing Cluster" of RiNG will support the work of different research groups, standardization organisms and bodies in charge of policy-making, with the aim to improve the networks of tomorrow.

The results of RiNG are expected to produce an impact on the standardization process, by means of encouraging the members and partners of the Routing Cluster to start this type of activities or to increase existing ones, with the overall result of increasing European contributions to standardization, and not just from the project participants.

To ensure the benefits of new routing architectures, new international standards could be required. Therefore there is a need to actively cooperate with the respective standardization bodies, in order to support the Routing Cluster membership.

The Routing Cluster section will describe the information related to this cluster. See Figure 5-1.

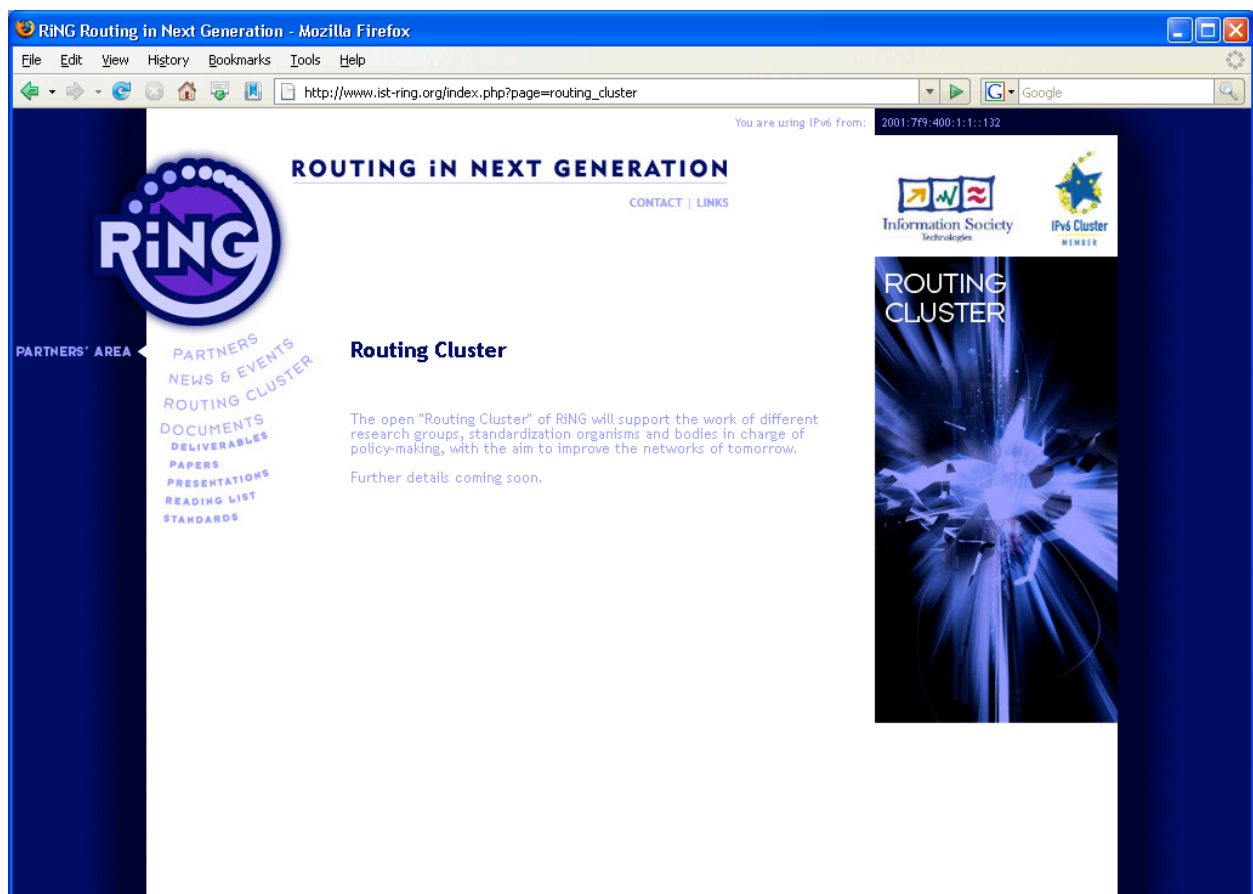


Figure 5-1: Routing Cluster Page

6. DOCUMENTS

The very important Documents section is sub-divided into five options that represent the same number of public document types produced/used by the partners in the project: Deliverables, Papers, Presentations, Standards and a special area for a Routing Reading list. See Figure 6-1.

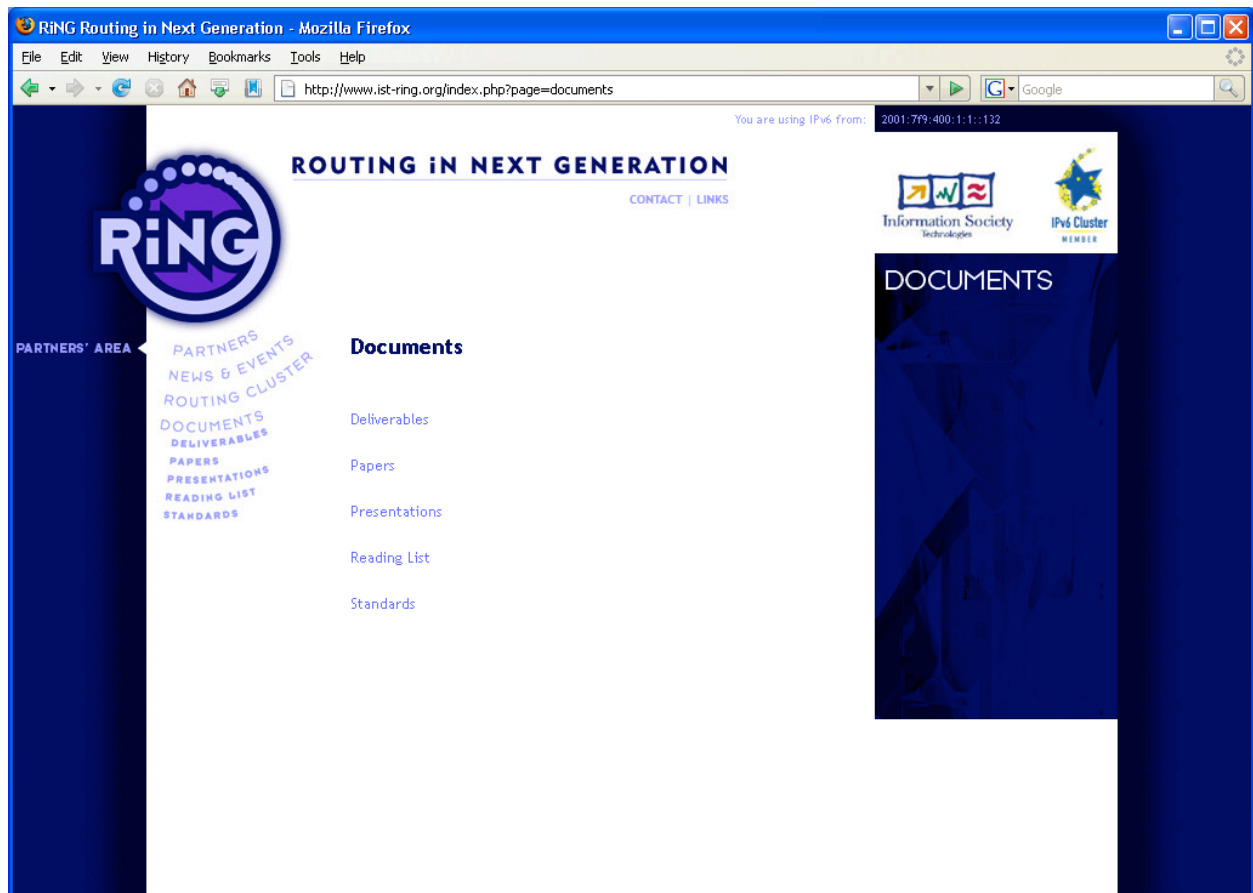


Figure 6-1: Documents Page

The Deliverables, Papers and Presentations will be files in PDF format, available only for printing or browsing, but with the copy and modification options disabled.

The Standards will be available in the usual format used for the correspondent standardization body (for example in TXT format for IETF RFCs and IDs).

The Routing Reading list is further described below in its correspondent section.

6.1 Deliverables

The Deliverables section can be reached by means of the link in the menu section or the link in the Documents page.

The Deliverables page shows a table gathering the list of all the deliverables that will be done during the project, as it can be seen in Figure 6-2. The deliverables that will become completed will be linked in this table for an easy access to them, always in a new window.



Figure 6-2: Deliverables Page

6.2 Papers

This section will include all the Papers submitted and/or published by project partners in conferences and events, as a result of work done in the RiNG project. The interested users will gain access to the public papers using the links available in this page. See Figure 6-3.

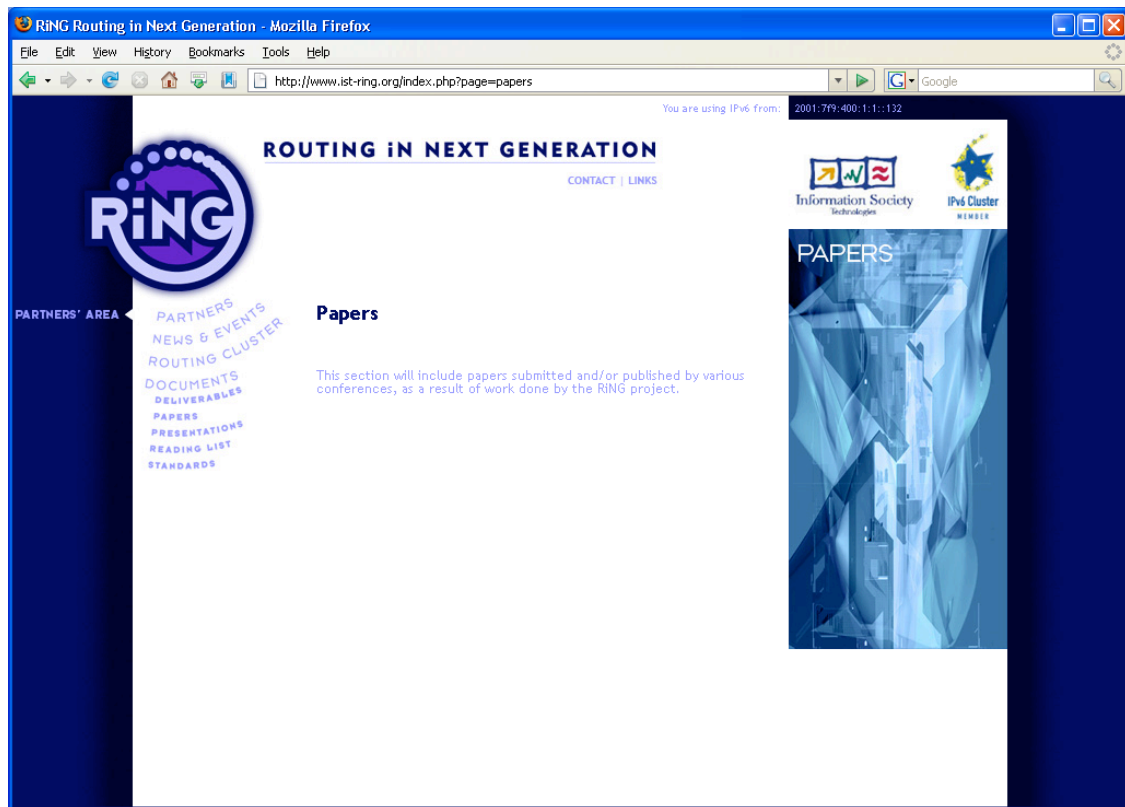


Figure 6-3: Papers Page

6.3 Presentations

This section will include general Presentations about the goals, key research objectives and other aspects of the RiNG project. The aim is to have comprehensive documents that help to understand the RiNG efforts and outputs.

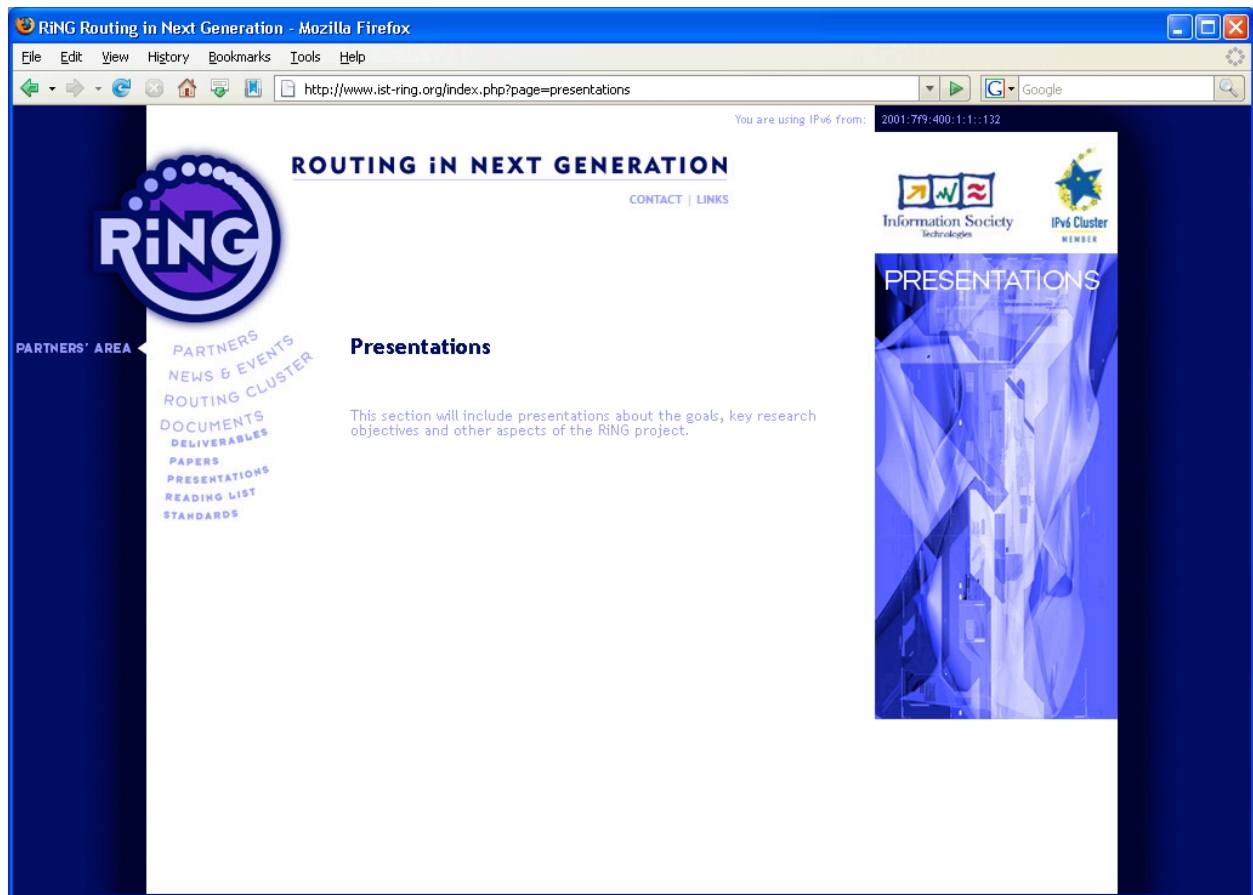


Figure 6-4: Presentations Page

6.4 Reading List

This section is intended to accommodate a reading list in order to point to documents to be read by project partners as part of the analysis work.

Because of the huge quantity and different qualities of routing literature, it is necessary an efficient tool to share the comments and points of view of the RiNG partners. The aim is to reach a better and broader comprehension of the different world wide activities related to routing in next generation networks, protocols and technologies.

Each document in this section will include the comments done by the partner(s) that read the document.

The Reading list is build by means of Wiki technology, where the partner, using its own password, can add documents along theirs own comments. See Figure 6-5.

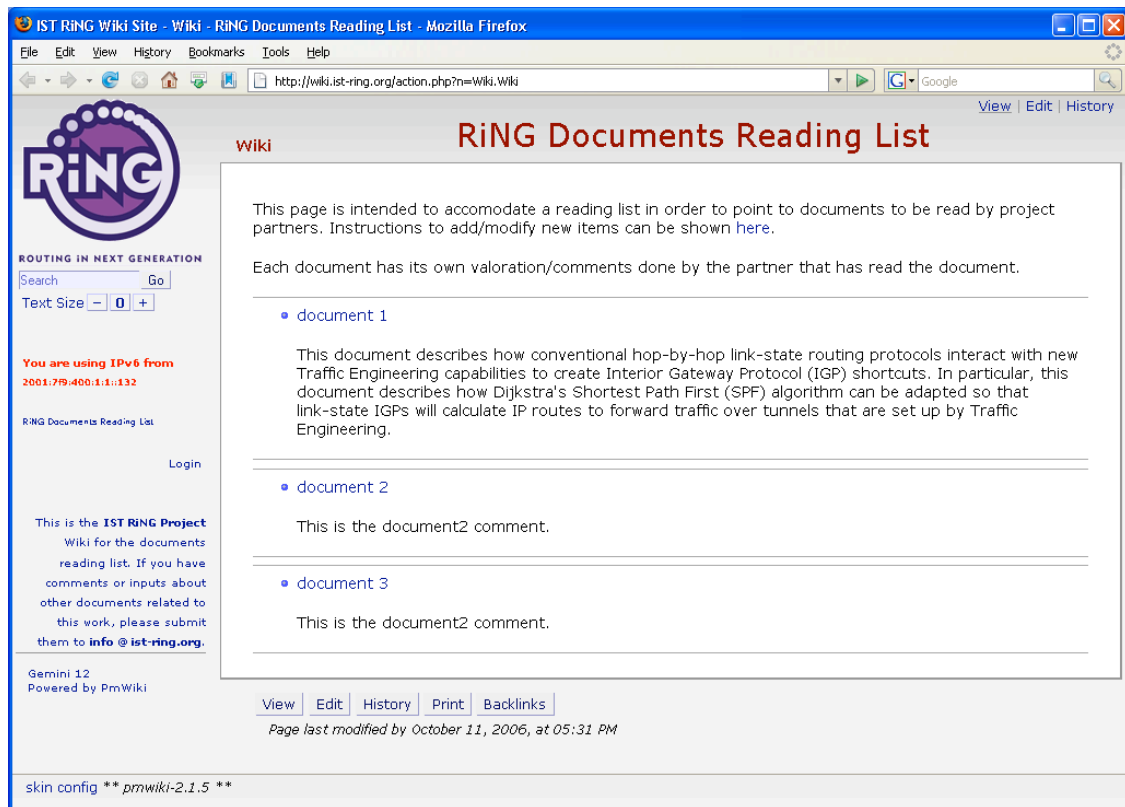


Figure 6-5: Document Reading List Page

6.5 Standards

This section will summarize the Standardization documents and outputs produced or contributed by RiNG partners.

The main products will be IETF documents (both IDs and RFCs), but works for another standardization bodies may be also included.

Up to know several IETF IDs have been already produced on areas such as Multihoming, SHIM6, Hash Based Addresses (HBA), etc. See Figure 6-6.

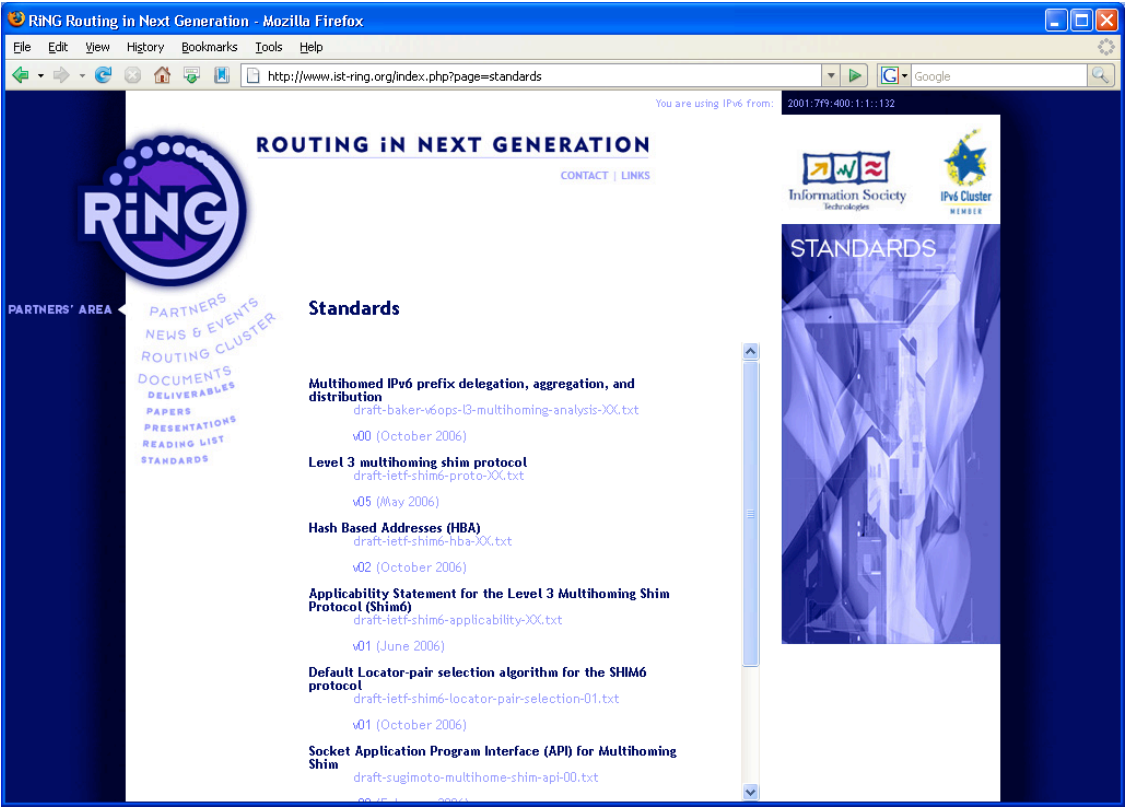


Figure 6-6: Standards Page

7. ADDITIONAL SECTIONS

Two important sections complete the public areas:

7.1 Contact

The “tell us” section allows an email to be sent to the info@ist-ring.org account, in order to ask for additional information, or provide any suggestion about the project. See Figure 7-1.

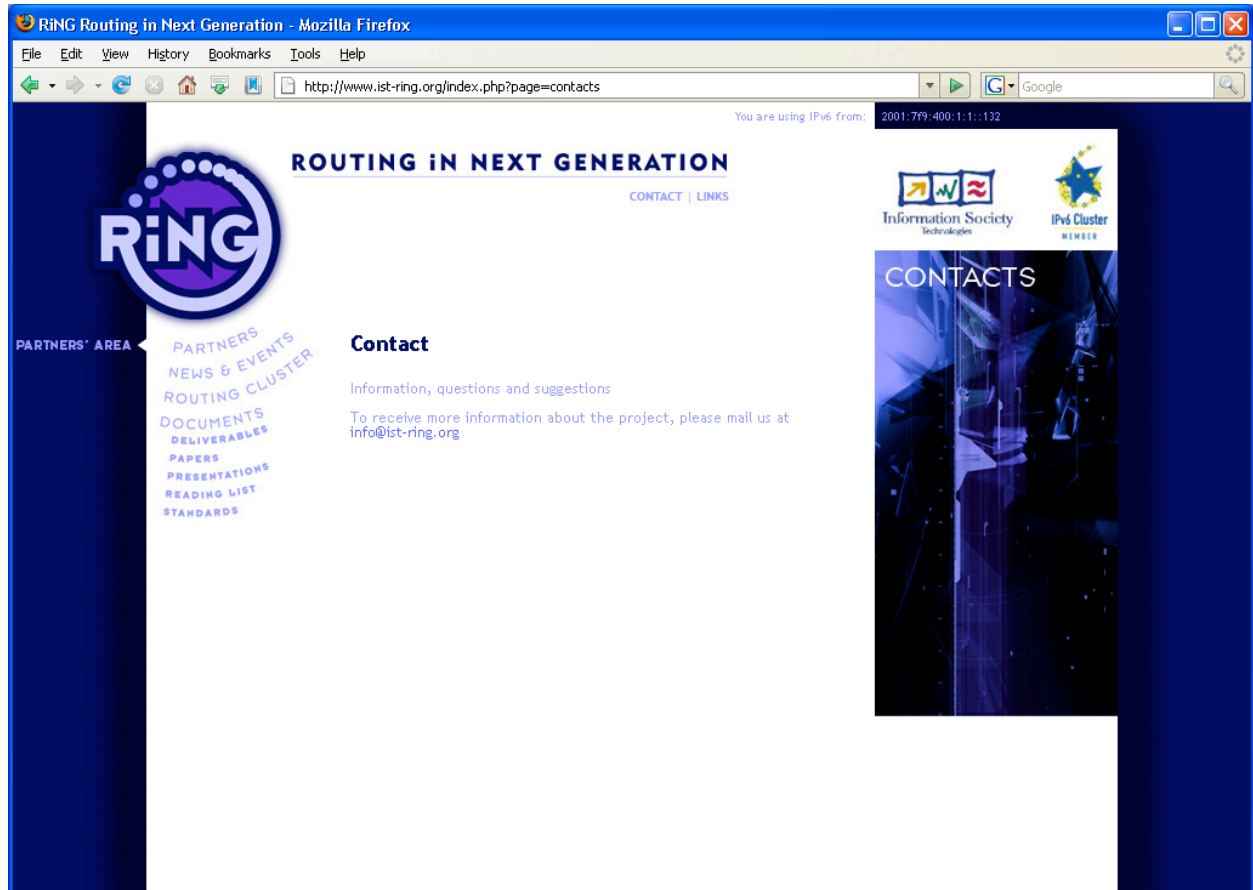


Figure 7-1: Contact Page

7.2 Links

This section shows a list of URLs to other IPv6, Routing and RiNG related websites. These websites will be opened in a new window.



Figure 7-2: Links Page

8. PRIVATE AREA

The Private area of the web site is a restricted area for the project partners and sponsors. A login and password is needed in order to grant the access to on-line information relative to both administrative and technical management, contributions, deliverables and mail exploder archive. Other sections could be developed if the project partners need them.

The main page of Partners' area is shown in Figure 8-1.

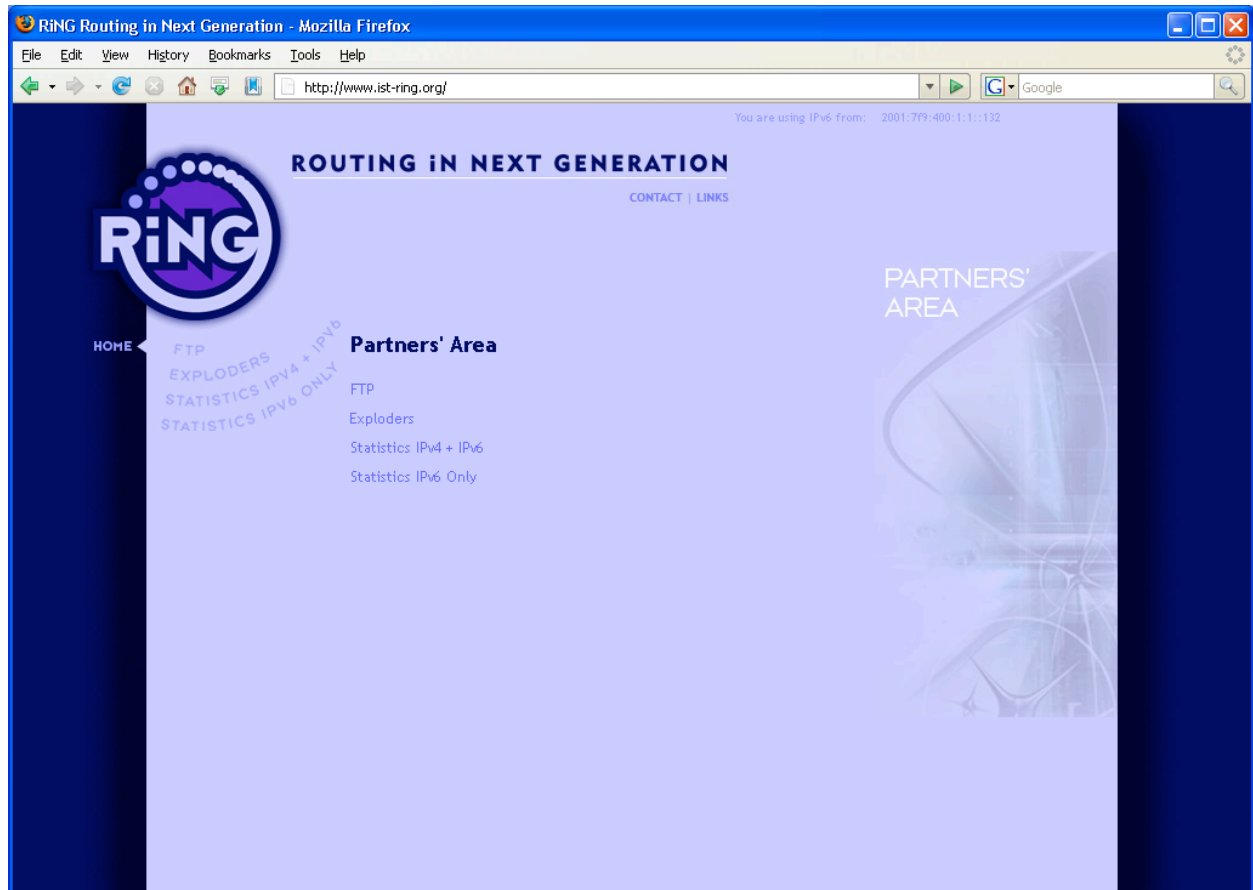


Figure 8-1: Partners' Area

The Private Partners' area currently has four sub-sections: FTP server, Mail exploders and Statistics for IPv4 + IPv6 and IPv6 only. These sections are described below.

8.1 FTP

All the documents, contributions, deliverables, intermediate work, etc., relevant to the project and the project partners, are organized hierarchically in different folders with a very natural organization in reference to the project Work Packages, Activities, Deliverables and so on. The main page of FTP section is shown in Figure 8-2.

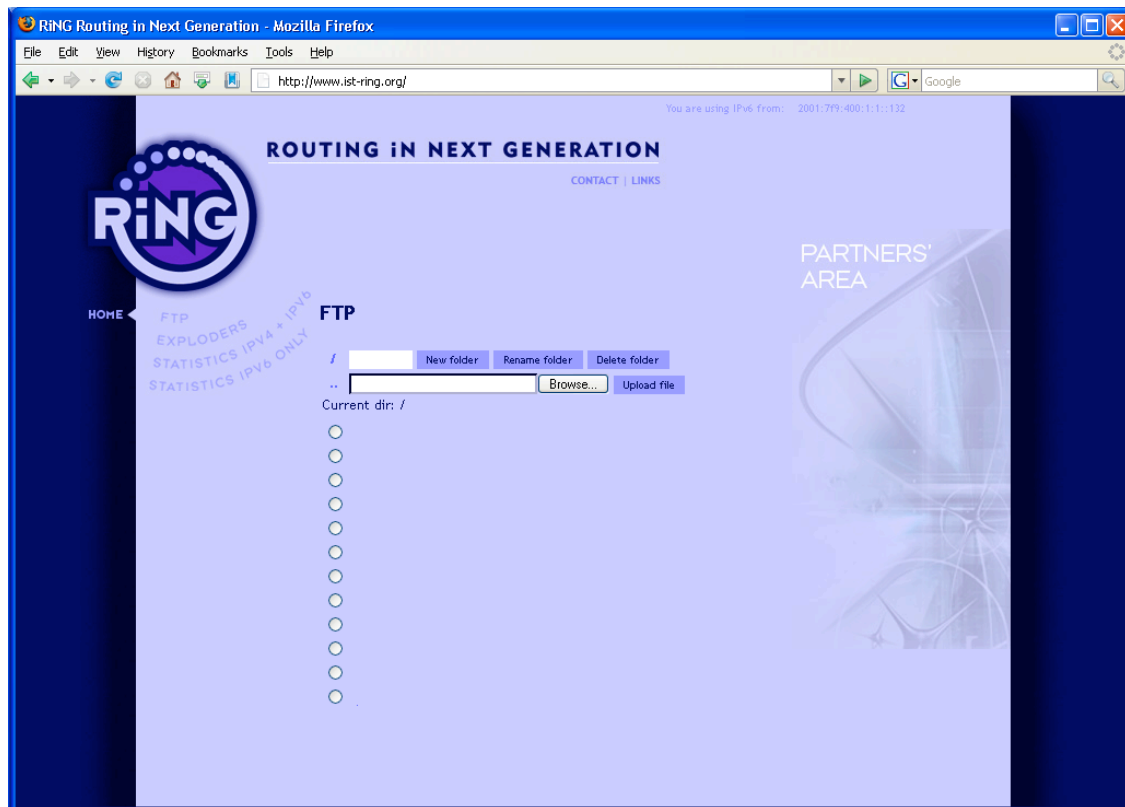


Figure 8-2: FTP Window

In the RiNG server it is possible to use Rsync, which provides a fast incremental file transfer.

8.2 Mail Exploders

The exploders are an easy way to access to the project mailing lists. See Figure 8-3.

The first page allows viewing all or some specific messages in the mail list. Also it permits to search for messages that comply with some key word as the text contained in any of the usual email fields (body, subject, from, ...) and using AND/OR combinations of search patterns.

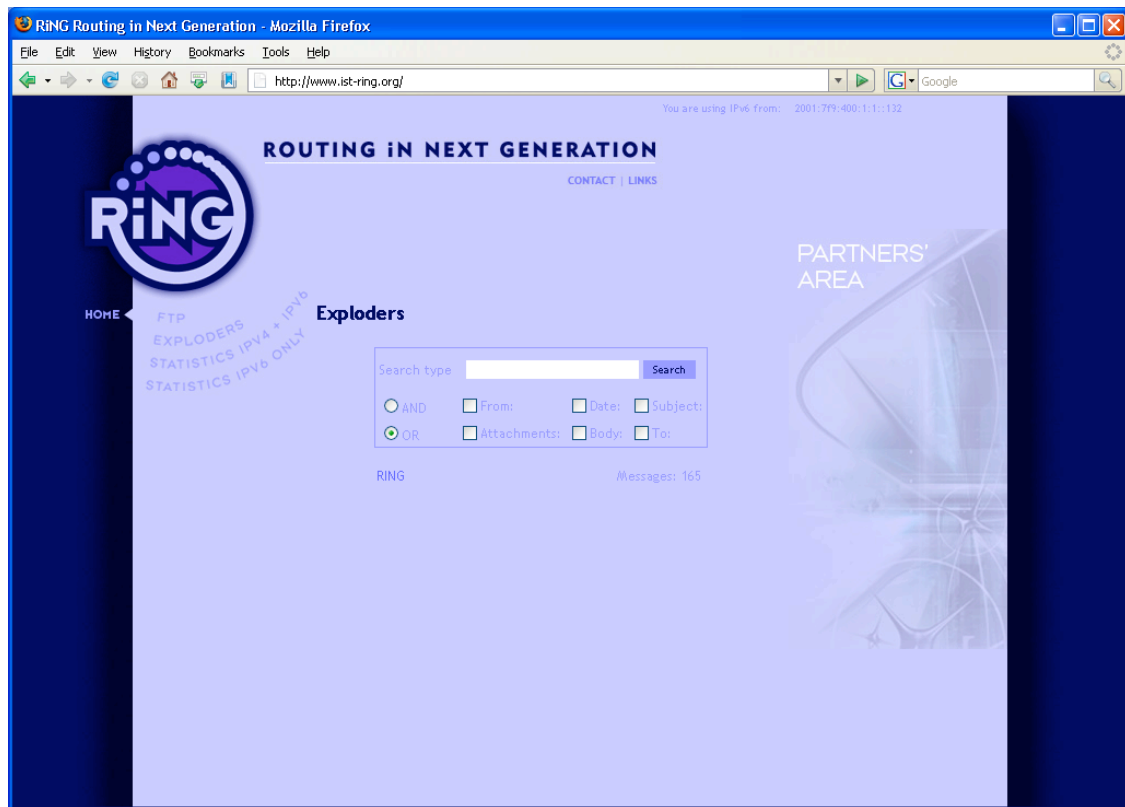


Figure 8-3: Exploders Page

Both view options show a list of messages ordered, by default, by its sending date to the list, although the ordering can be changed according the user preferences. Each message appears in the list by its sending date and sender in the left column and its subject in the right column.

8.3 Web Statistics

The private area also permits to browse and check the web server statistics. Two options are available: IPv4 + IPv6 traffic and IPv6 only traffic. See the current statistics for IPv6 in Figure 8-4.

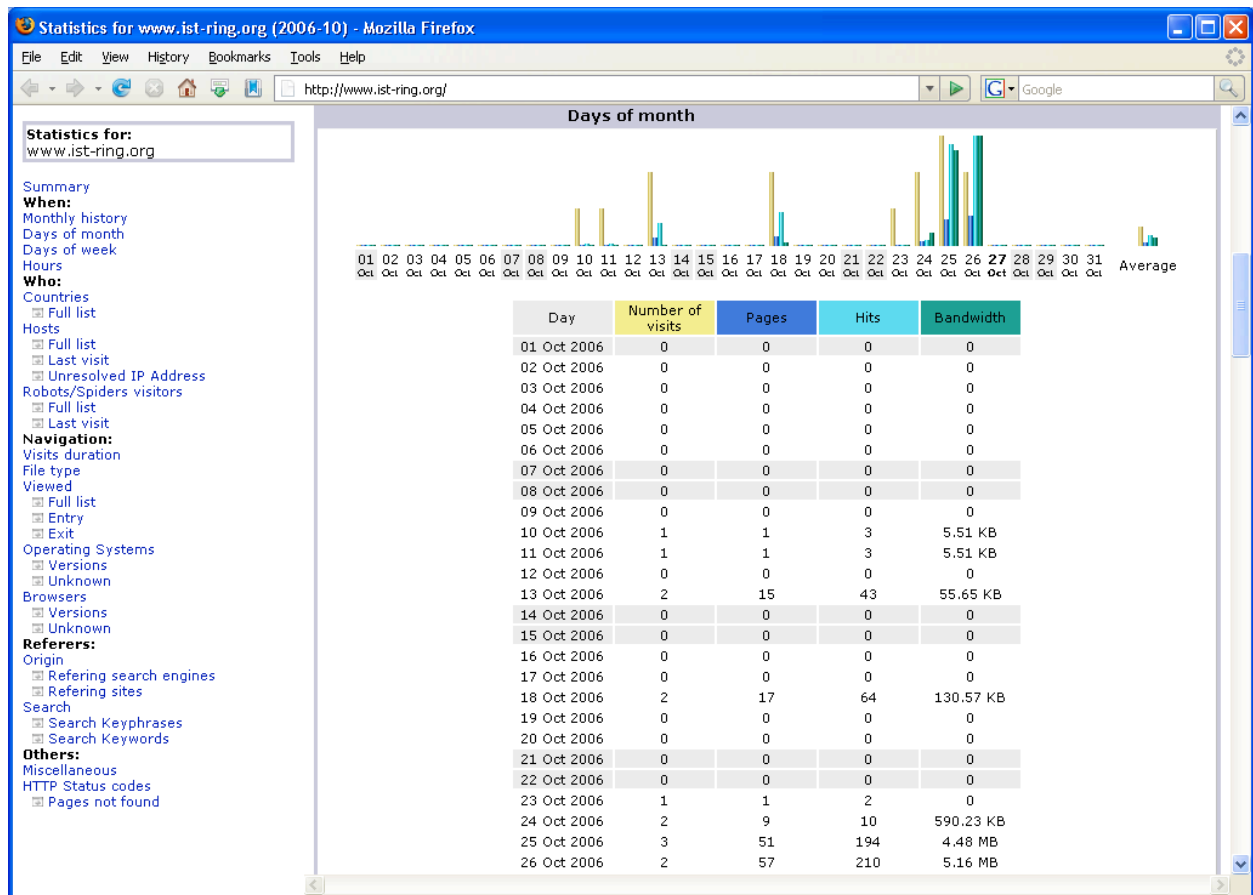


Figure 8-4: Web Statistics - IPv6 Only

9. SUMMARY AND CONCLUSIONS

The project web site is a powerful tool for easily accessing to information and resources of the project not only for RiNG partners but also for everyone interested in the related technologies, information and documents.

The structure of the site facilitates not only the access but also the browsing, thanks to the always-visible options menu.

The web site will be constantly updated with the deliverables, standards, presentations, news, events etc., which will be performed during the lifetime of the project, although the general appearance and structure of the web site will remain.