



INSTITUTO FEDERAL DE
EDUCAÇÃO, CIÊNCIA E TECNOLOGIA
RIO GRANDE DO NORTE

AULA:

Colocando um site na Internet

Autoria Web

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Servidores de Hospedagem

- ▶ **Hospedagem de sites** é um serviço que possibilita pessoas ou empresas sites ou sistemas on-line guardar informações, imagens, vídeo ou qualquer conteúdo acessível por web
- ▶ **Provedor de hospedagem** são empresas que fornecem espaços em seus servidores e conexão à internet a estes dados aos seus clientes
 - ▶ Uma máquina que fica ligada 24h na internet com endereço disponível para ser acessada



Servidores de Hospedagem



Servidores de Hospedagem

- ▶ Faça uma busca no Google por “Hospedagem de Sites”
 - ▶ www.localweb.com.br
 - ▶ <http://www.hostnet.com.br/hospedagem-de-sites/>
 - ▶ www.uolhost.com.br
 - ▶ www.ignegocios.com.br



Pré-requisitos

- ▶ Na internet, todas as máquinas são identificadas via IP (Por exemplo o IP do IFRN: **200.137.2.130**)
 - ▶ **Faça o teste:** digite no navegador o endereço: 200.137.2.130 e veja qual página abre.
- ▶ Para não precisar “decorar” os números, foram criados os DOMAIN NAMES (nomes de domínios) que “mascaram” os endereços IP.
 - ▶ ifrn.edu.br
 - ▶ uol.com.br
 - ▶ amazon.com



Pré-requisitos

- ▶ Assim, é necessário um domínio para poder acessar um site.
- ▶ Alguns servidores de hospedagem fornecem um subdomínio
 - ▶ meublog.blogspot.com
- ▶ Mas é possível registrar sem próprio domínio
 - ▶ meublog.com



Limites

▶ Armazenamento em disco

- ▶ Os servidores limitam a quantidade de dados que é possível armazenar (o tamanho do seu site)
 - ▶ Ex: Seu site pode ter no máximo 50MB (somando o tamanho de todos os arquivos que compõe - páginas HTML, arquivos CSS, imagens, etc.)

▶ Transferência Mensal

- ▶ Os servidores oferecem limites de transferência de dados mensal
 - ▶ Quantidade de dados enviada/recebida dos visitantes
Ex: 100MB/mês



Limites

▶ Linguagens de Programação suportadas

- ▶ Os servidores oferecem suporte (X)HTML e também a algumas linguagens de programação web como PHP, ASP, JSP, Ruby on Rails

▶ Acesso a Banco de Dados

- ▶ Suporte a determinado Banco de Dados
 - ▶ MySQL, PostGreSQL, SQLServer



Publicação

- ▶ Quem contrata um serviço de hospedagem, deve enviar o seu site para o servidor
 - ▶ Pode ser feito através de interface web
 - ▶ Ou via FTP (File Transfer Protocol).
 - ▶ Existem clientes FTP disponíveis que auxiliam no envio de dados para os servidores



Servidores de Hospedagem

- ▶ Os servidores cobram, em geral, uma taxa mensal pelo serviço de hospedagem
 - ▶ O valor da taxa depende da quantidade de serviços e suporte oferecidos
 - ▶ Se oferece suporte a banco de dados, linguagem de programação, qual a taxa de transferência mensal, etc...

Planos		
Plataforma com suporte às linguagens PHP e ASP.NET. Suporte às demais linguagens, acesse aqui .		
Periodicidade: Mensal		
256 MB de memória	512 MB de memória	768 MB de memória
R\$ 26,90 /mês	R\$ 39,90 /mês	R\$ 79,90 /mês
Contrate	Contrate	Contrate
Transferência ilimitada	Transferência ilimitada	Transferência ilimitada
10GB de espaço	20GB de espaço	30GB de espaço
Construtor de Sites	Construtor de Sites	Construtor de Sites
10 contas de e-mail (12GB)	25 contas de e-mail (12GB)	50 contas de e-mail (12GB)
MYSQL bases ilimitadas (5GB)	MYSQL bases ilimitadas (10GB)	MYSQL bases ilimitadas (15GB)
Hospede 1 site	Hospede 2 sites	Hospede 5 sites
1 mês de Backup grátis ¹	1 mês de Backup grátis ¹	1 mês de Backup grátis ¹

¹ Após o período gratuito, será cobrado o valor de R\$7,99/mês



Servidores de Hospedagem

- ▶ Mas alguns servidores oferecem o serviço básico gratuitamente (HTML+CSS+JavaScript)
 - ▶ Normalmente, a troco de propaganda no seu site
 - ▶ Ex: Free Web Hosting Area
<http://www.freewebhostingarea.com>
 - ▶ ACESSEM!



- ▶ Se desejar descobrir outros servidores gratuitos, faça uma busca no Google por “Hospedagem Gratuita de Sites”



Hospedagem Gratuita



The screenshot shows the homepage of Free Web Hosting Area .com. At the top, there is a navigation menu with links for HOME, MEMBERS AREA, FORUM, NEWS, FAQ, TERMS OF USE, and CONTACT US. Below the menu, a welcome message states: "Welcome to Free Web Hosting Area!! You can reach us at <http://www.freewebhostingarea.com> or short <http://www.freewha.com>." To the right of this message is a "Leave A Message" button with an envelope icon.

The main content area is divided into two sections for hosting options:

- Free subdomain hosting:** This section features a graphic on the left that says "FREE SUBDOMAIN & DOMAIN HOSTING" next to a server icon. The form includes a text input for "www." with the instruction "i.e. yourname", a dropdown menu for "Subdomain (Server Location)", and a "PROCEED" button.
- Free domain hosting (for already registered domain):** This section includes a text input for "www.", a dropdown menu for "Select Server Location", and a "PROCEED" button. Below the input, it provides examples: "i.e. www.yourdomain.com subdomain.yourdomain.de yourdomain.com.br or co.uk etc."

Features:

- long time running company - we offer free hosting from 2005 without interruption (orgfree.com, 6te.net, ueuo.com).
- your account will never expire; you can host your site for free as long as you wish (minimum 1 hit/month required);
- fast hosting on **8-Core CPU servers** with **32 GB of RAM** per server;
- free web space - up to **1500MB** with 12 MB file size limit; ALL files allowed for upload; no limit for number of files/inodes;
- **unmetered traffic**;
- **daily/weekly backups** on external source - peace in mind as your files will never be lost;
- absolutely **no ads** for **low traffic sites**;
- all countries/languages allowed;
- free php5 hosting - (latest stable 5.4) with **mail()** active, **GD2 library**, **php curl**, **php magickwand/imagick** (support for **ImageMagick**), **php sockets**, **php xml**, **xsl**, **php soap**, **php pdo** -- see [default php variables](#);
- possibility to turn on/off php variables;
- **Ioncube loader** for php 5.4; memcache and memcached with igbinary support;
- free **MySQL 5** database (latest stable 5.5);
- **phpMyAdmin** preinstalled; one click **database backup**; one click **database import**;
- **unlimited accounts/databases** allowed (database number per account is limited, but you can create more accounts);

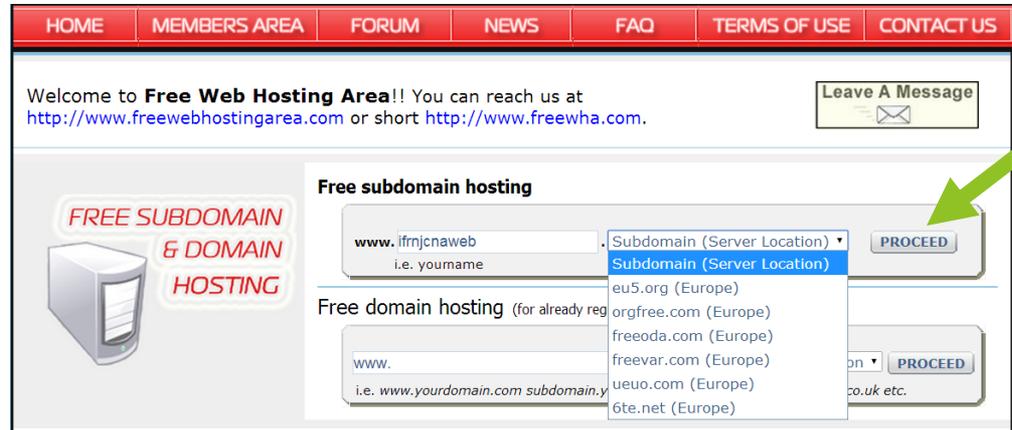


Hospedagem Gratuita

► Defina o endereço do seu site (o nome que você quiser e que esteja disponível) e o subdomínio (um dentre os oferecidos). Depois, clique em Proceed:

► Ex:

- infoznaweb.eu5.org
- mariajoseifrnrn.orgfree.com
- omelhorsitedomundo.freevar.com



The screenshot shows the 'Free subdomain hosting' section of the 'Free Web Hosting Area' website. The page has a red navigation bar with links: HOME, MEMBERS AREA, FORUM, NEWS, FAQ, TERMS OF USE, and CONTACT US. Below the navigation bar, there is a welcome message and a 'Leave A Message' button. The main content area features a 'FREE SUBDOMAIN & DOMAIN HOSTING' banner with a server icon. The 'Free subdomain hosting' form includes a text input field for the subdomain name (example: 'www.ifrnjcnaweb', i.e. 'yourname'), a dropdown menu for 'Subdomain (Server Location)', and a 'PROCEED' button. A green arrow points to the 'PROCEED' button. The dropdown menu is open, showing a list of available subdomains: eu5.org (Europe), orgfree.com (Europe), freeoda.com (Europe), freevar.com (Europe), ueuo.com (Europe), and 6te.net (Europe). Below this, there is a 'Free domain hosting' section for already registered domains, with a text input field (example: 'www.', i.e. 'www.yourdomain.com subdomain.yourdomain.com') and another 'PROCEED' button.



Hospedagem Gratuita

- ▶ Preencha as informações da tela seguinte e clique em Create



ifrnaweb.eu5.org is available on **Eu5.org** server.

» Account Information

E-mail:

You need a valid email address to confirm your account.

Password:

Re-type password:

Password must have minimum 6 characters including letters and numbers.
Do not use special characters or spaces.

I have read the [Service Agreement](#) and agree to its terms.



CREATE



Hospedagem Gratuita



FREE WEB HOSTING AREA .COM



Hospedagem
Criada com
Sucesso

Welcome to FreeWebHostingArea.com!

Dear user, your account **ifrnjcnaeweb.eu5.org** was successfully activated on **eu5.org** server. Your address is <http://ifrnjcnaeweb.eu5.org> and you can visit/update your site right now. Add an index page (examples: index.html or index.php) and put your files directly on root. No public_html folder required. **Be sure that your account has minimum 1hit per month. Inactive accounts are deleted at the end of month.**

Account Manager:

You're hosted on eu5.org server. Account Manager is located at <http://eu5org.freewebhostingarea.com/>.

Username: ifrnjcnaeweb.eu5.org

Password: [REDACTED]

If you have accounts created on more than one server, see <http://www.freewebhostingarea.com/members/>.

Some scripts require **server path**. Yours is **/home/vhosts/ifrnjcnaeweb.eu5.org**.

Your Personal FTP Information:

FTP Server/Host: eu5.org

FTP Login/Username: ifrnjcnaeweb.eu5.org

FTP PassWord: [REDACTED]

To upload your files go to our **Web based FTP client** (recommended), located at <http://eu5org.freewebhostingarea.com/ftp/>.

Once logged in, you will be able to create a **new dir**, **new file**, to **upload a zip archive** and have it **unzipped** automatically, to **edit** your files, to select files and download them as .zip, to **copy, move, delete, rename, chmod** (change permissions), **search** anything under your account, ability to see and edit dot files like **.htaccess**. With a normal ftp program you will not be able to do this.

For a complete list of features see <http://eu5org.freewebhostingarea.com/ftp/help.html>.

MySQL database Information:

You will get a limited number of free databases per account. But you can create other accounts and get as many free databases as you want.

ATTENTION!!! MySQL databases must be activated @ **Account Manager** >> Hit **Create DB** button.



Hospedagem Gratuita

- ▶ Com seu cadastro realizado com sucesso, acesse o pelo endereço criado
 - ▶ Por exemplo: www.ifrnjcnaweb.eu5.org

Index of /

Name	Last modified	Size	Description
 403.html	05-May-2014 08:09	12K	
 404.html	05-May-2014 08:09	13K	
 favicon.ico	05-May-2014 08:09	2.2K	
 images/	05-May-2014 08:09	-	
 robots.txt	05-May-2014 08:09	25	

Welcome to FreeWebHostingArea.com!

Your site <http://ifrnjcnaweb.eu5.org> was successfully created on [eu5.org](#) server. Don't forget to check our [terms](#).

Be sure that your account has minimum 1hit per month. Inactive accounts are deleted at the end of month.

New accounts have indexes disabled and anyone can see directory content until you upload a valid index. If indexes are disabled you will see a forbidden page (403) until you upload a valid index.

Valid indexes: index.html index.php index.htm Index.php index.shtml Index.htm Index.html default.htm default.html home.htm home.html

Account Manager:

You're hosted on eu5.org server. Account Manager is located at <http://eu5org.freewebhostingarea.com/>.

Username: ifrnjcnaweb.eu5.org

Password: password chosen by you at registration

If you have accounts created on more than one server, see <http://www.freewebhostingarea.com/members/>.

Some scripts require **server path**. Yours is `/home/vhosts/ifrnjcnaweb.eu5.org`.



Hospedagem Gratuita

- ▶ Acessando sua área e incluindo seus arquivos
- ▶ Visite o endereço informado no espaço abaixo e inclua seu usuário e senha e clique em Log In:

Account Manager:

You're hosted on eu5.org server. Account Manager is located at <http://eu5org.freewebhostingarea.com/>.

Username: ifrnjcnaweb.eu5.org

Password: password chosen by you at registration

If you have accounts created on more than one server, see <http://www.freewebhostingarea.com/members/>.



The screenshot shows the website interface for Free Web Hosting Area .com. The header includes the site name and a navigation menu with links for HOME, MEMBERS AREA, FORUM, NEWS, FAQ, TERMS OF USE, and CONTACT US. Below the navigation is a welcome message for the EU5.org server, part of Free Web Hosting Area, with the server location noted as Europe (Germany). The main content area features a login form titled "EU5.org - Account Manager" with fields for Username (pre-filled with ifrnjcnaweb.eu5.org) and Password (masked with dots). There is a "Remember" checkbox and a "Log In" button. A link for "Forgot Your Password?" is also present. At the bottom, there is a footer with copyright information and a link to the website.



Hospedagem Gratuita

- ▶ Na sua área pessoal você pode visualizar dados e alterar informações pessoais como senha e também ser direcionado para o acesso ao gerenciamento de arquivos.
- ▶ Clique em File Manager para isso:



The screenshot shows the 'Member Area' dashboard with various management options. A green speech bubble highlights the 'File Manager' button and the account details section. The account details include:

- Account Name: ifrnjcnaweb.eu5.org
- Account UID: 415272
- Account Created: 2014-05-05
- Account Expires: never
- Path: /home/vhosts/ifrnjcnaweb.eu5.org
- FTP server (host): eu5.org
- FTP username: ifrnjcnaweb.eu5.org
- FTP password: equal with account password
- FTP root: /

Usage statistics shown at the bottom right:

- Web Space: 1.50 GB
- Used: 0.00 B
- Available: 1.50 GB
- 0.00% of 1.50 GB
- Daily Traffic Used: 65.40 KB
- Monthly Traffic Used: 65.40 KB
- 0.00% of 999.99 TB
- Traffic usage

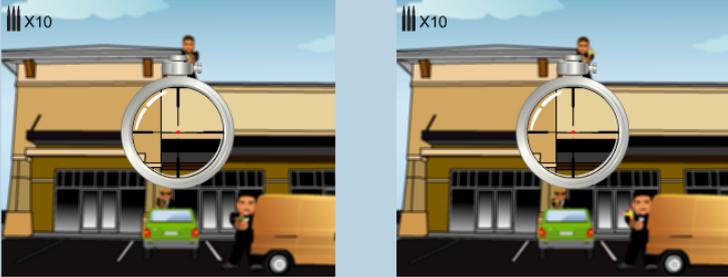
Informações essenciais para acesso aos arquivos



Hospedagem Gratuita

- ▶ Insira as informações tal como descritas na página anterior e clique em Login

Web based FTP client



FTP server:

Username:

Password:

Language:

FTP mode: Binary Automatic Passive mode

[Clear cookies](#)

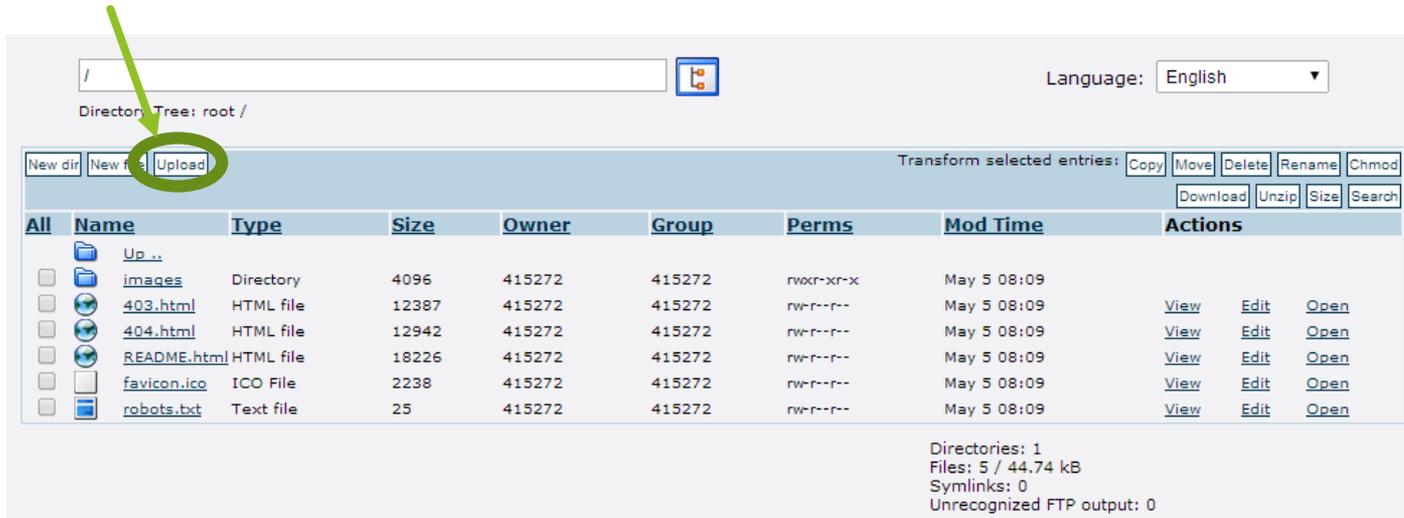
Once you are logged in, you will be able to:

- » **Navigate the FTP server**
Once you have logged in, you can browse from directory to directory and see all the subdirectories and files.
- » **Upload files**
There are 3 different ways to upload files: the standard upload form, the upload-and-unzip functionality, and the Java Applet.
- » **Navigate the FTP server**
Once you have logged in, you can browse from directory to directory and see all the subdirectories and files.
- » **Download files**
Click on a filename to quickly download one file.
Select multiple files and click on Download; the selected files will be downloaded in a zip archive.
- » **Unzip files**
Different formats are supported: .zip, .tar, .tgz and .gz.
- » **Copy, move and delete**
Directories are handled recursively, meaning that their content (subdirectories and files) will also be copied, moved or deleted.
- » **Rename and chmod**
Chmod handles directories recursively.
- » **View code with syntax highlighting**
PHP functions are linked to the documentation on php.net.
- » **Plain text editor**



Hospedagem Gratuita

- ▶ Para enviar um arquivo, clique em upload



The screenshot shows a web file manager interface. At the top, there is a text input field containing a forward slash (/) and a language dropdown menu set to 'English'. Below this, the text 'Directory Tree: root /' is displayed. A green arrow points to the 'Upload' button in the top navigation bar, which is also circled in green. The main area contains a table of files and directories. The table has columns for 'All', 'Name', 'Type', 'Size', 'Owner', 'Group', 'Perms', 'Mod Time', and 'Actions'. The files listed are: 'Up..' (Directory), 'images' (Directory), '403.html' (HTML file), '404.html' (HTML file), 'README.html' (HTML file), 'favicon.ico' (ICO File), and 'robots.txt' (Text file). Below the table, there is a summary of the directory contents: 'Directories: 1', 'Files: 5 / 44.74 kB', 'Symlinks: 0', and 'Unrecognized FTP output: 0'.

All	Name	Type	Size	Owner	Group	Perms	Mod Time	Actions
	Up..	Directory						
<input type="checkbox"/>	images	Directory	4096	415272	415272	rw-r-xr-x	May 5 08:09	
<input type="checkbox"/>	403.html	HTML file	12387	415272	415272	rw-r--r--	May 5 08:09	View Edit Open
<input type="checkbox"/>	404.html	HTML file	12942	415272	415272	rw-r--r--	May 5 08:09	View Edit Open
<input type="checkbox"/>	README.html	HTML file	18226	415272	415272	rw-r--r--	May 5 08:09	View Edit Open
<input type="checkbox"/>	favicon.ico	ICO File	2238	415272	415272	rw-r--r--	May 5 08:09	View Edit Open
<input type="checkbox"/>	robots.txt	Text file	25	415272	415272	rw-r--r--	May 5 08:09	View Edit Open

Directories: 1
Files: 5 / 44.74 kB
Symlinks: 0
Unrecognized FTP output: 0



Hospedagem Gratuita



The screenshot shows the eu5.org FTP upload interface. At the top right, the logo 'eu5.org' is displayed with three icons: a refresh icon, a question mark, and a power icon. Below the logo, there is a rocket icon and the heading 'Upload files and archives'. Underneath, there are two icons: a blue arrow pointing left and a green checkmark. A text input field labeled 'Upload to directory:' contains the character '/'. To the right of the input field is a small icon of a folder. Below the input field, there are two columns of instructions. The left column is for 'Files' and the right column is for 'Archives (zip, tar, tgz, gz)'. Each column has a button labeled 'Escolher arquivo' and the text 'Nenhum arquivo selecionado', followed by an 'Add another' button. At the bottom left, there is a section titled 'Restrictions:' with a bulleted list of rules.

eu5.org

Upload files and archives

Upload to directory: /

Files
Files entered here will be transferred to the FTP server.

Archives (zip, tar, tgz, gz)
Archives entered here will be decompressed, and the files inside will be transferred to the FTP server.

Escolher arquivo Nenhum arquivo selecionado

Escolher arquivo Nenhum arquivo selecionado

Add another

Add another

Restrictions:

- The maximum size of one file is restricted to **10MB**.
- The maximum execution time is **60 seconds**
- The FTP transfer mode (ASCII or BINARY) will be automatically determined, based on the filename extension
- If the destination file already exists, it will be overwritten

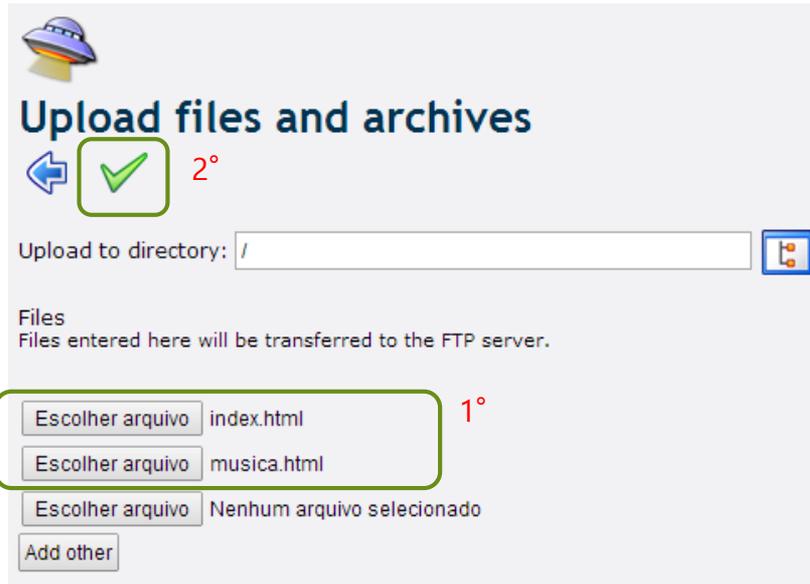


A sua página inicial deverá **SEMPRE** ter o nome de **index.html**, pois o servidor web procurará por ela para abrir em primeiro lugar!



Hospedagem Gratuita

- ▶ Escolha os arquivos e clique no ícone  para enviar os arquivos.



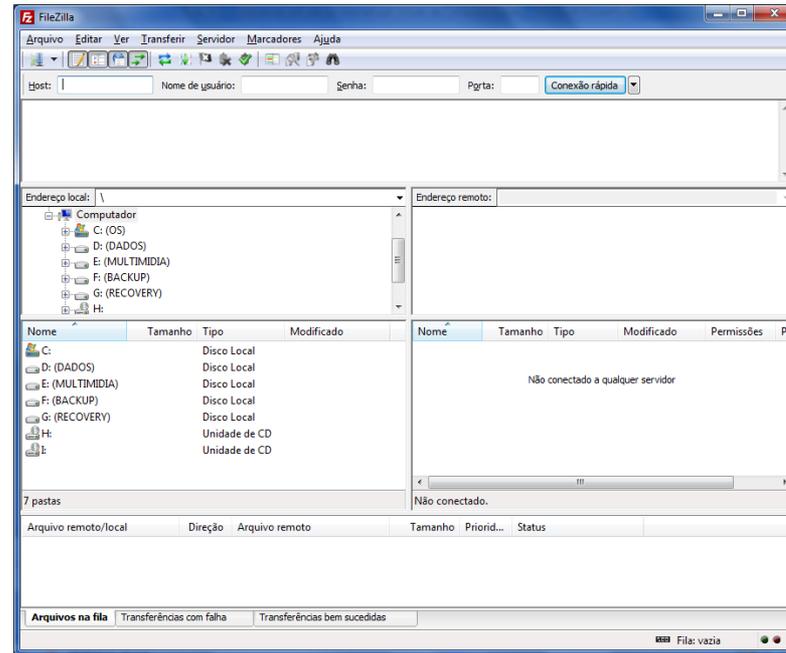
Hospedagem Gratuita

- ▶ Acesse novamente seu endereço:

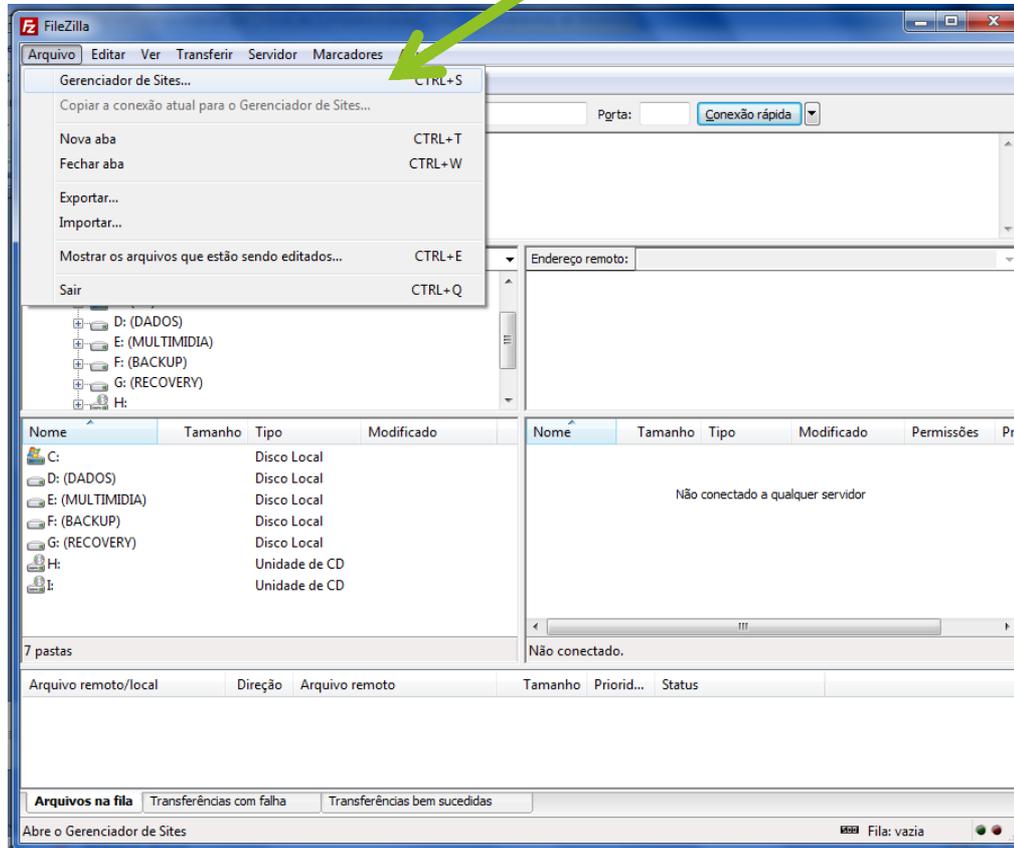


Cliente FTP

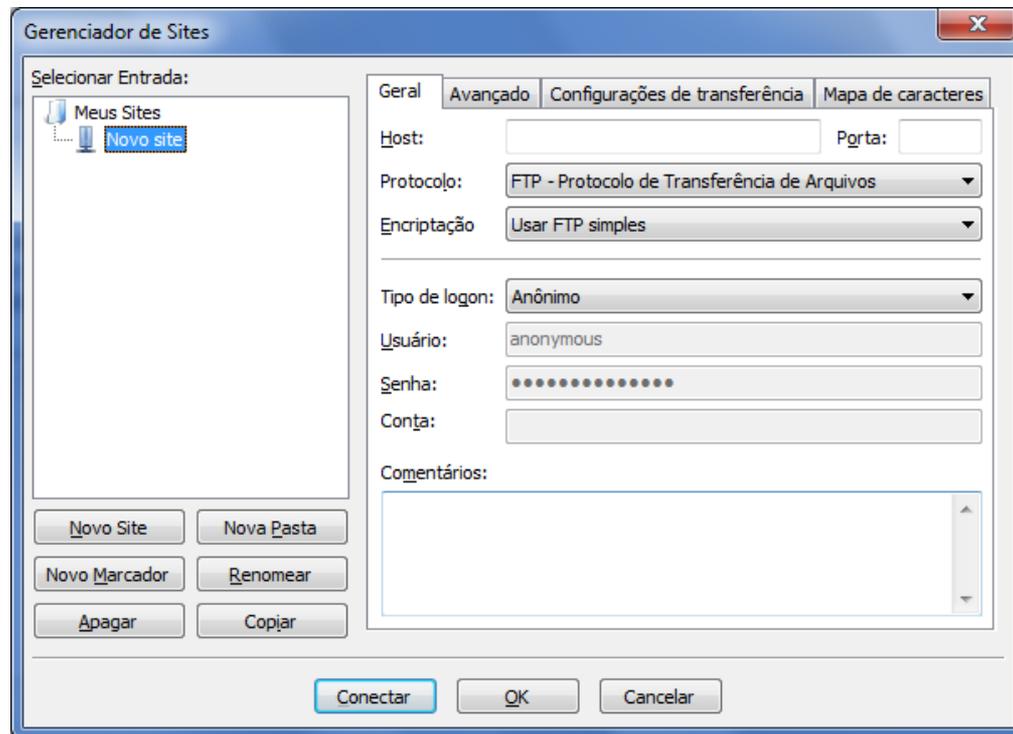
- ▶ Para não precisar enviar os arquivos de um em um, pode-se usar um cliente Desktop de FTP
 - ▶ Ex: FileZilla (Gratuito)



Cliente FTP



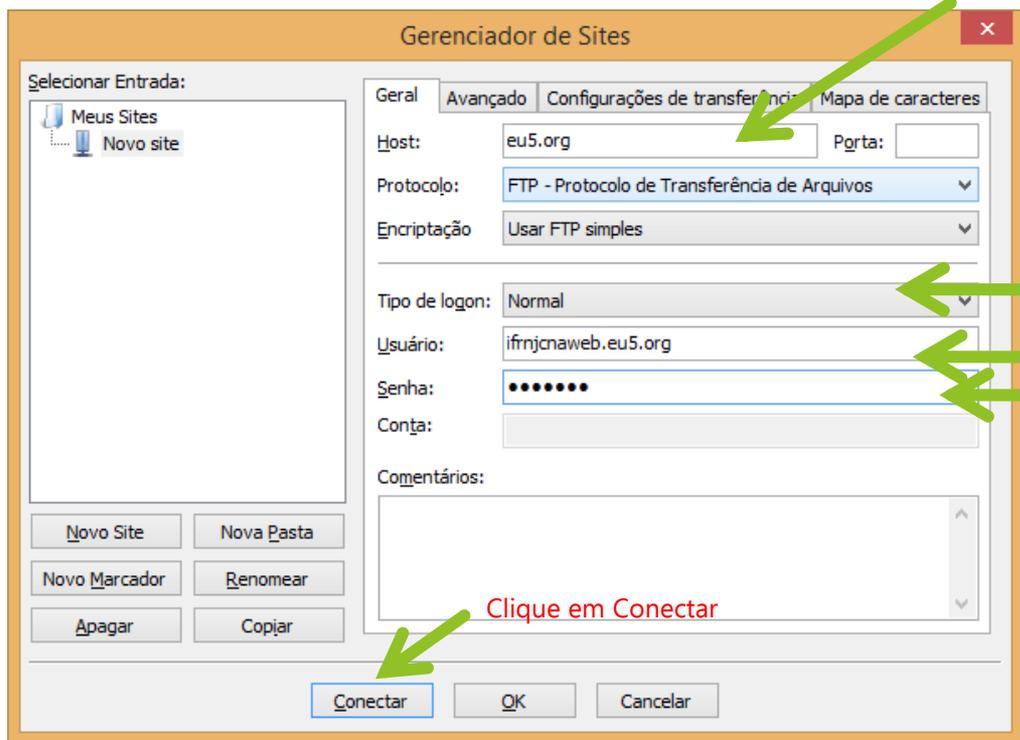
Cliente FTP



Cliente FTP

Preencha tal como na figura abaixo com os dados do servidor informados na sua área de login:

FTP server (host): eu5.org
FTP username: ifrnjcnaweb.eu5.org
FTP password: equal with account password
FTP root: /



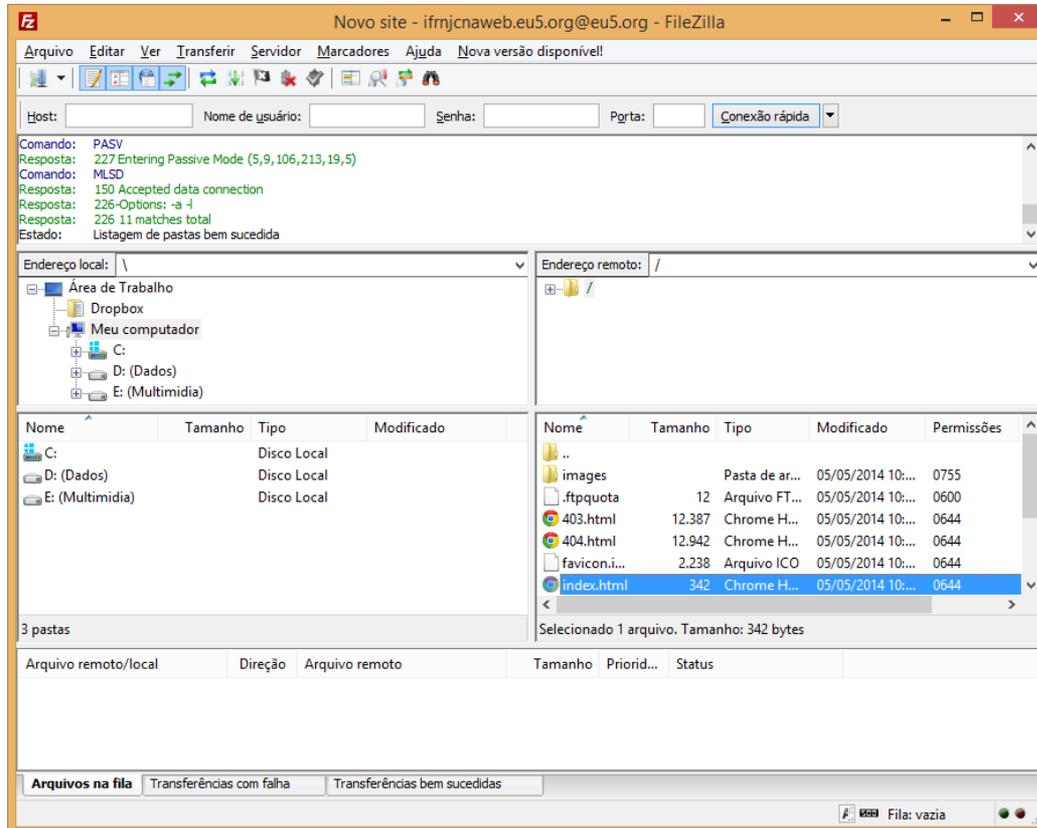
ALTERE PARA NORMAL

AQUI É SUA SENHA!!
AQUI É O SEU USUÁRIO!!

Clique em Conectar

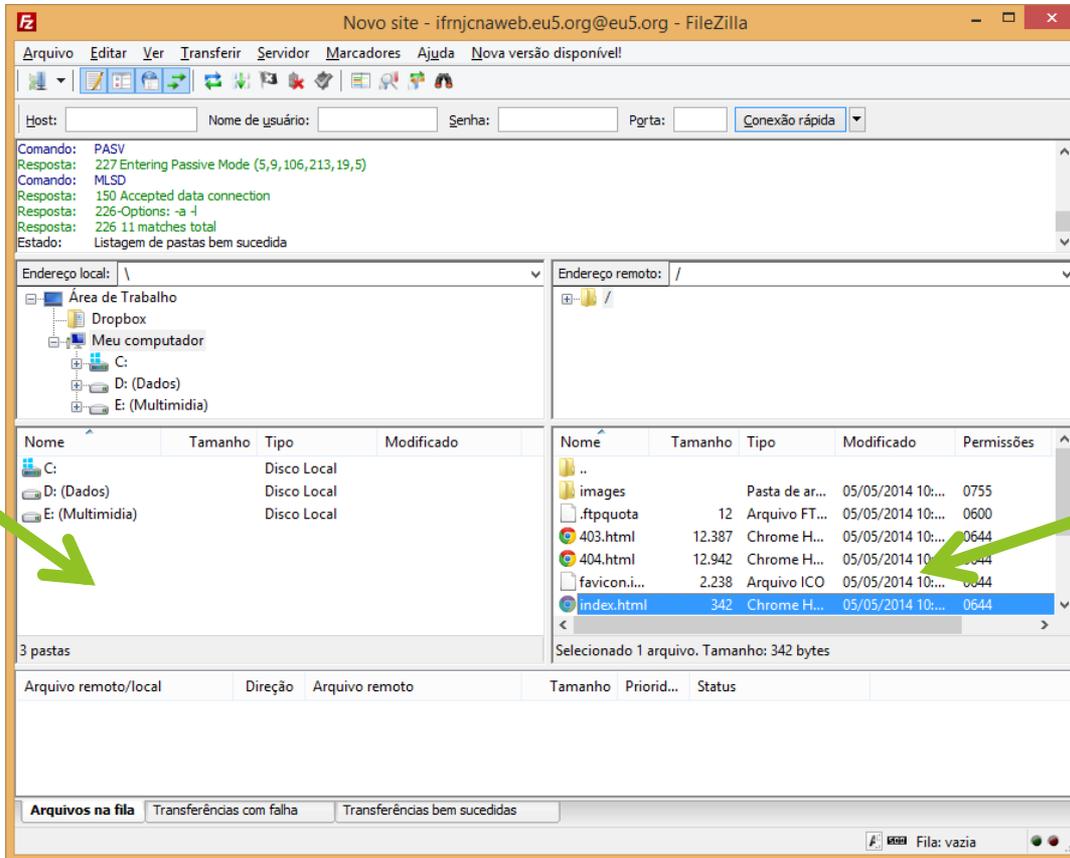


Cliente FTP



Cliente FTP

DESSE LADO
SÃO OS
DADOS
NO SEU
COMPUTADOR

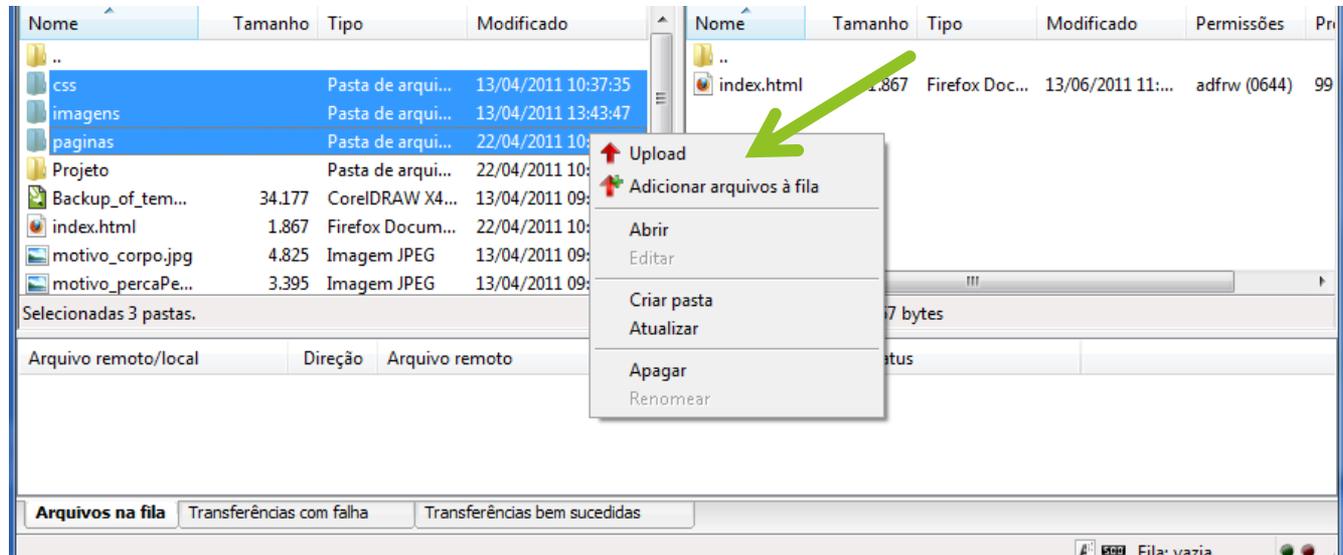


DESSE LADO
SÃO OS
DADOS
NO SERVIDOR



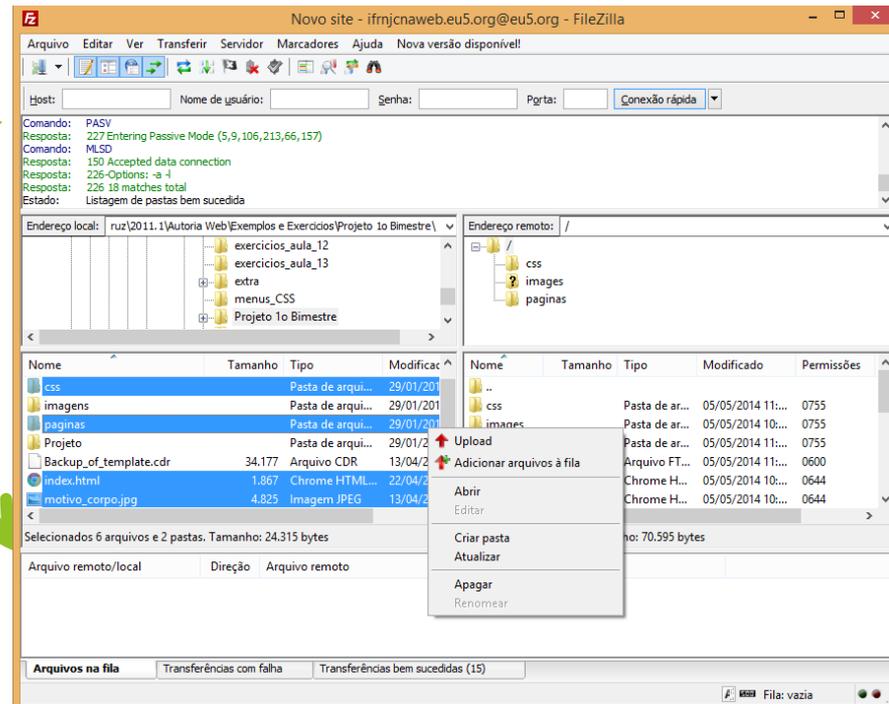
Cliente FTP

- ▶ Você deve localizar os dados que estão no seu computador e enviar para o servidor
- ▶ Selecione os arquivos que você deseja enviar, clique com o botão direito e clique em Upload!



Cliente FTP

- ▶ A operação demora um tempo que depende da quantidade de arquivos e de seus tamanho dos arquivos e também de acordo com a VELOCIDADE da internet!
- ▶ Informações sobre o envio dos arquivos é apresentada



Cliente FTP

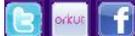
- ▶ Ao finalizar a transferência, é apresentada a mensagem
- ▶ Aguarde o fim e acesse novamente o endereço do seu site



Duvidas?

- Quanto tempo para ter resultados?
- Tem apoio nutricional?
- Qual a melhor modalidade para mim?
- Quanto custa?
- Tem esporte ou só musculação?

Nossa academida nas redes sociais:



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