

Desmistificando o PHP

Uma breve síntese

The PHP logo is displayed in a stylized, lowercase font within a blue oval. The letters are black with a white outline, giving it a 3D effect. The oval has a subtle radial gradient and a dark blue border.

php

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*Apresentação rápida para o FLISOL
2010, em Campina Grande.*

`www.php.net`

* background: ver referências

Quem sou eu?

- ✓ Saulo Toledo
- ✓ Graduando em Ciência da Computação pela UFCG
- ✓ Licenciando em Computação pela UEPB
- ✓ Web Developer da S. Toledo Produções
- ✓ Como palestrante: apresentou recentemente a parcela de trabalho da S. Toledo Produções no desenvolvimento do portal BrOffice.org, no IV Encontro Nacional do www.php.net BrOffice.org, em conjunto com 2 outras entidades

Breve Histórico do PHP

Abril de 1996:

Personal Home Pages

Tools / Forms

interpreter (PHP/FI)

*Imagem meramente ilustrativa. Ver original no Google Books:
<http://books.google.com/books?id=tywvv3ULa10C&printsec=frontcover&hl=pt-BR#v=onepage&q&f=false>*

```
From: rasmus@madhaus.utcs.utoronto.ca (Rasmus Lerdorf)
Subject: ANNOUNCE: PHP/FI Server-side HTML-Embedded Scripting Language
Date: 1996/04/16
Newsgroups: comp.infosystems.www.authoring.cgi
```

PHP/FI is a server-side HTML embedded scripting language. It has built-in access logging and access restriction features and also support for embedded SQL queries to mSQL and/or Postgres95 backend databases.

It is most likely the fastest and simplest tool available for creating database-enabled web sites.

It will work with any UNIX-based web server on every UNIX flavour out there. The package is completely free of charge for all uses including commercial.

Feature List:

- . Access Logging
Log every hit to your pages in either a dbm or an mSQL database. Having hit information in a database format makes later analysis easier.
- . Access Restriction
Password protect your pages, or restrict access based on the referring URL plus many other options.
- . mSQL Support
Embed mSQL queries right in your HTML source files
- . Postgres95 Support
Embed Postgres95 queries right in your HTML source files
- . DBM Support
DB, DBM, NDBM and GDBM are all supported
- . RFC-1867 File Upload Support
Create file upload forms
- . Variables, Arrays, Associative Arrays
- . User-Defined Functions with static variables + recursion
- . Conditionals and While loops
Writing conditional dynamic web pages could not be easier than with the PHP/FI conditionals and looping support
Extended Regular Expressions.

Breve Histórico do PHP

Junho de 1998: PHP 3.x

- ✓ Participação de Zeev Suraski e Andi Gutmans
- ✓ Reescrita da Engine PHP
- ✓ Início de orientação a objetos

Breve Histórico do PHP

Em seguida:

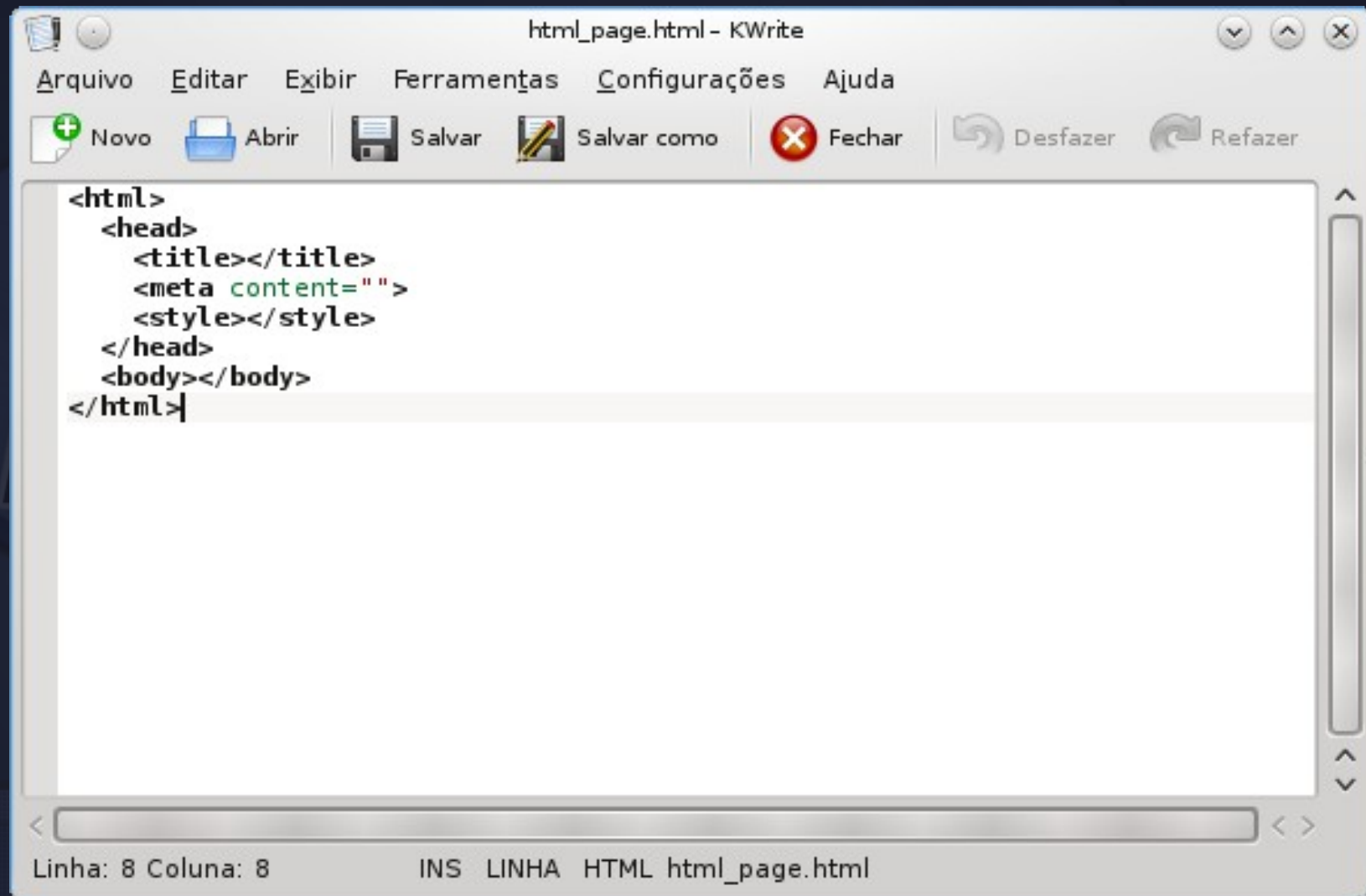
✓ PHP 4.x: adeus ao PHP 3.x

✓ PHP 5.x: Hoje!

✓ PHP 5.2

✓ PHP 5.3

HTML

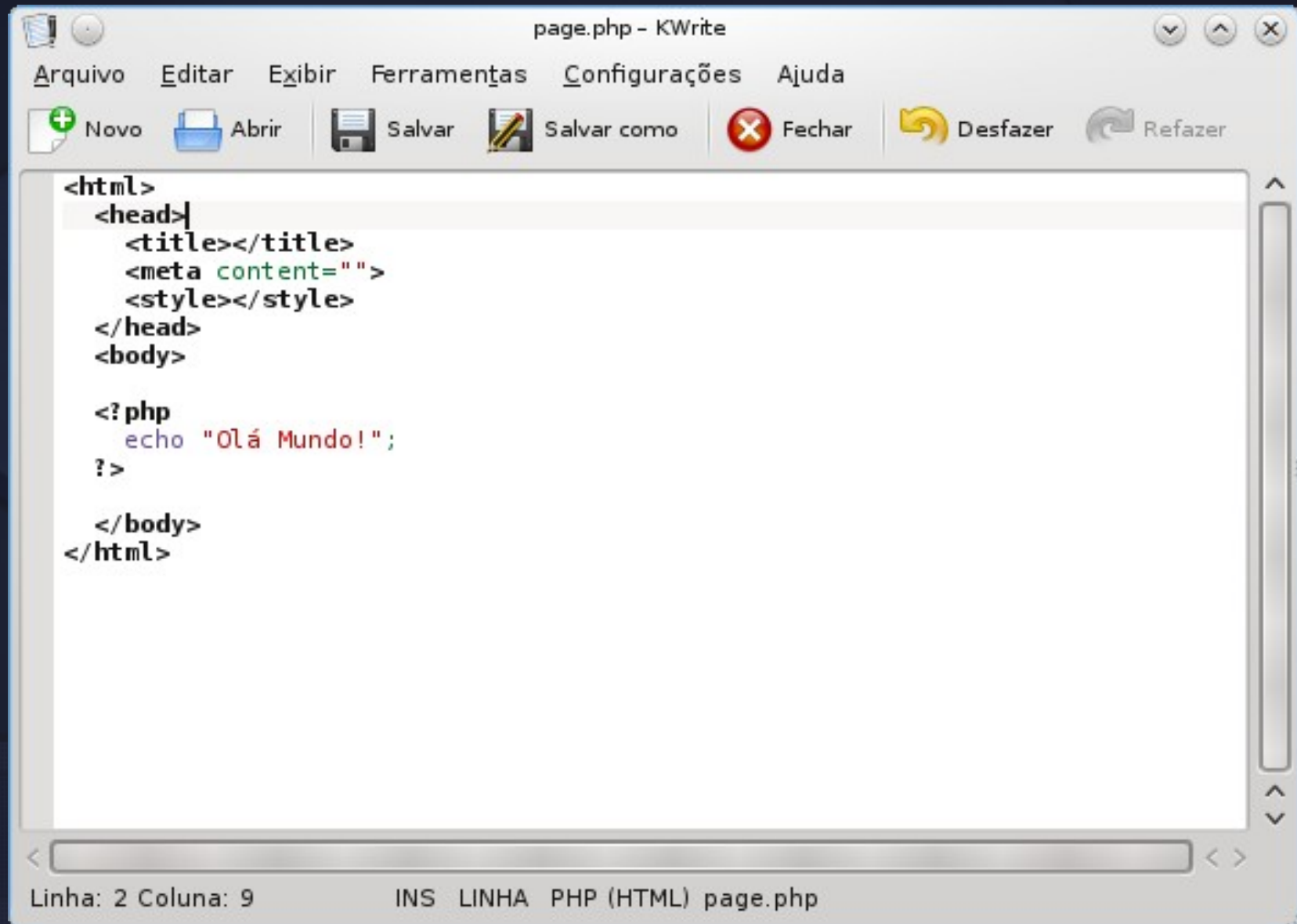


The image shows a screenshot of a KWrite text editor window titled "html_page.html - KWrite". The window has a menu bar with "Arquivo", "Editar", "Exibir", "Ferramentas", "Configurações", and "Ajuda". Below the menu bar is a toolbar with icons for "Novo", "Abrir", "Salvar", "Salvar como", "Fechar", "Desfazer", and "Refazer". The main text area contains the following HTML code:

```
<html>  
  <head>  
    <title></title>  
    <meta content="">  
    <style></style>  
  </head>  
  <body></body>  
</html>
```

The status bar at the bottom of the window displays "Linha: 8 Coluna: 8" and "INS LINHA HTML html_page.html".

HTML + PHP



The image shows a screenshot of a KWrite text editor window titled "page.php - KWrite". The window has a menu bar with "Arquivo", "Editar", "Exibir", "Ferramentas", "Configurações", and "Ajuda". Below the menu bar is a toolbar with icons for "Novo", "Abrir", "Salvar", "Salvar como", "Fechar", "Desfazer", and "Refazer". The main text area contains the following code:

```
<html>
<head>
  <title></title>
  <meta content="">
  <style></style>
</head>
<body>

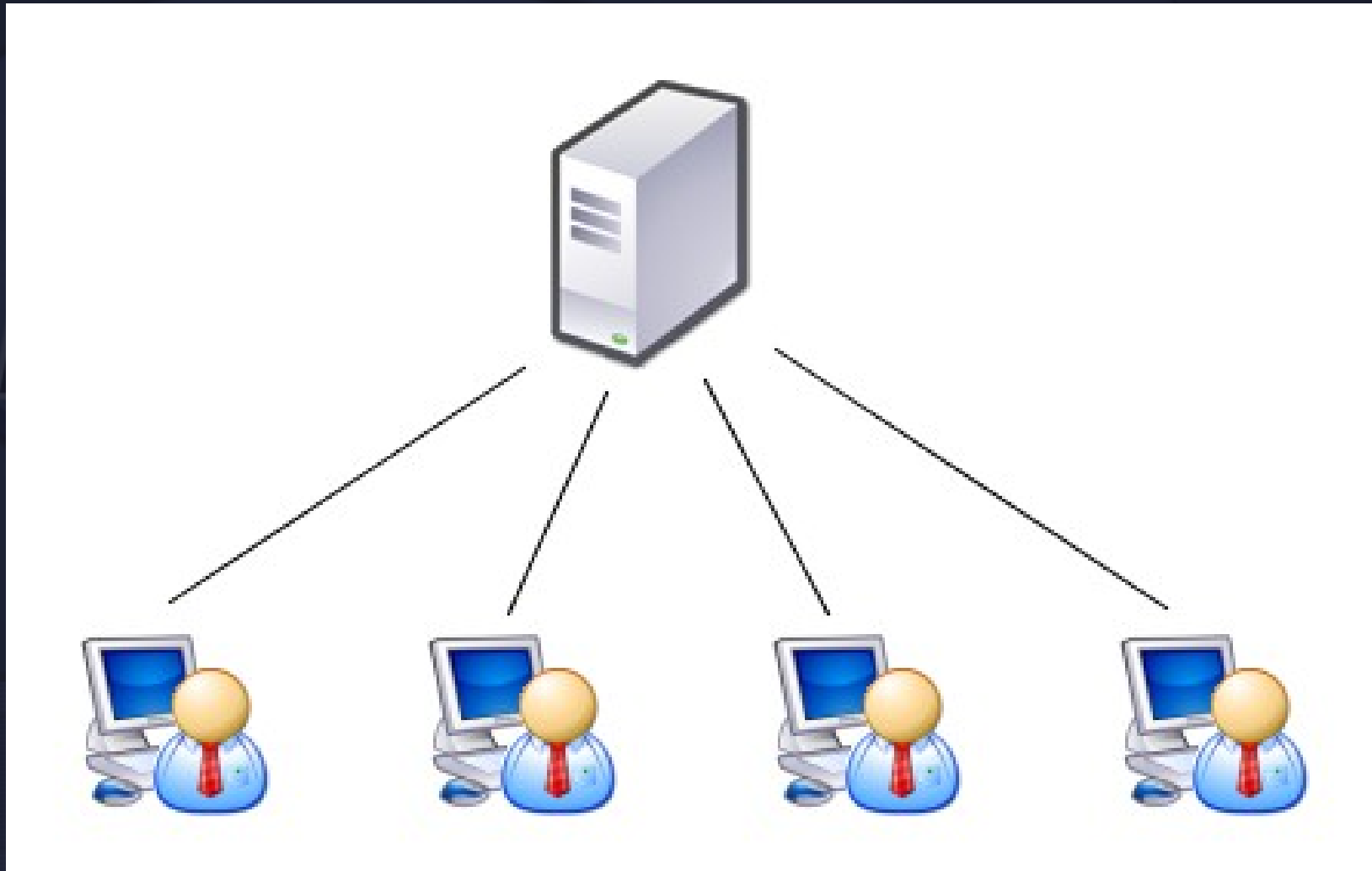
<?php
  echo "Olá Mundo!";
?>

</body>
</html>
```

At the bottom of the window, a status bar shows "Linha: 2 Coluna: 9" and "INS LINHA PHP (HTML) page.php".

net

Entendendo a conexão cliente-servidor



Características do PHP

✓ `<?php ?>` `<? ?>` `<% %>`;

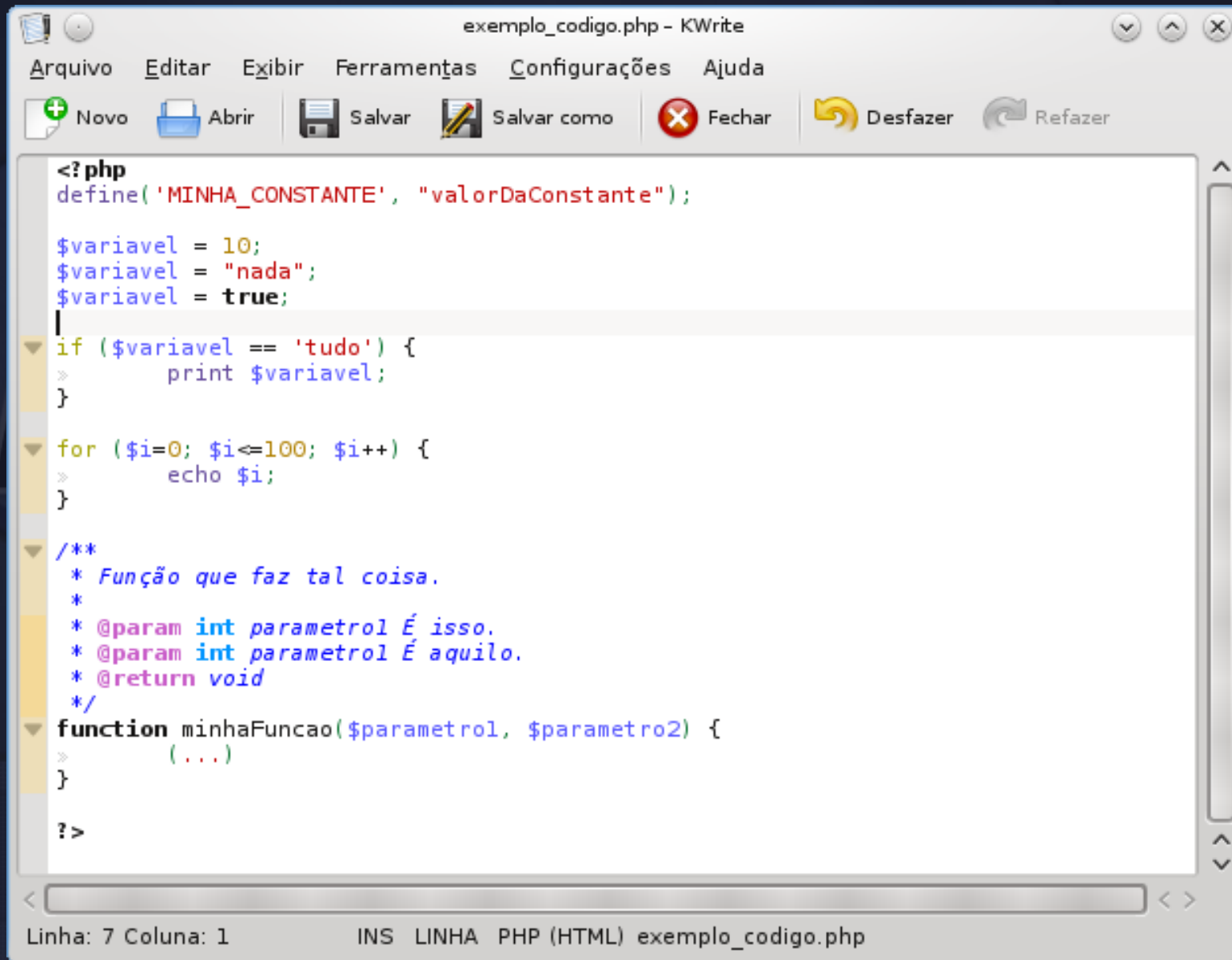
✓ Linguagem interpretada;

✓ Tipagem fraca;

✓ Multiplataforma;

✓ Modularizada.

Eu quero código!



The image shows a screenshot of a KWrite text editor window titled "exemplo_codigo.php - KWrite". The window has a menu bar with "Arquivo", "Editar", "Exibir", "Ferramentas", "Configurações", and "Ajuda". Below the menu bar is a toolbar with icons for "Novo", "Abrir", "Salvar", "Salvar como", "Fechar", "Desfazer", and "Refazer". The main text area contains PHP code with syntax highlighting. The code includes a define statement, variable assignments, an if statement, a for loop, a function definition, and a closing tag. The status bar at the bottom shows "Linha: 7 Coluna: 1" and "INS LINHA PHP (HTML) exemplo_codigo.php".

```
<?php
define('MINHA_CONSTANTE', "valorDaConstante");

$variavel = 10;
$variavel = "nada";
$variavel = true;

if ($variavel == 'tudo') {
    >     print $variavel;
}

for ($i=0; $i<=100; $i++) {
    >     echo $i;
}

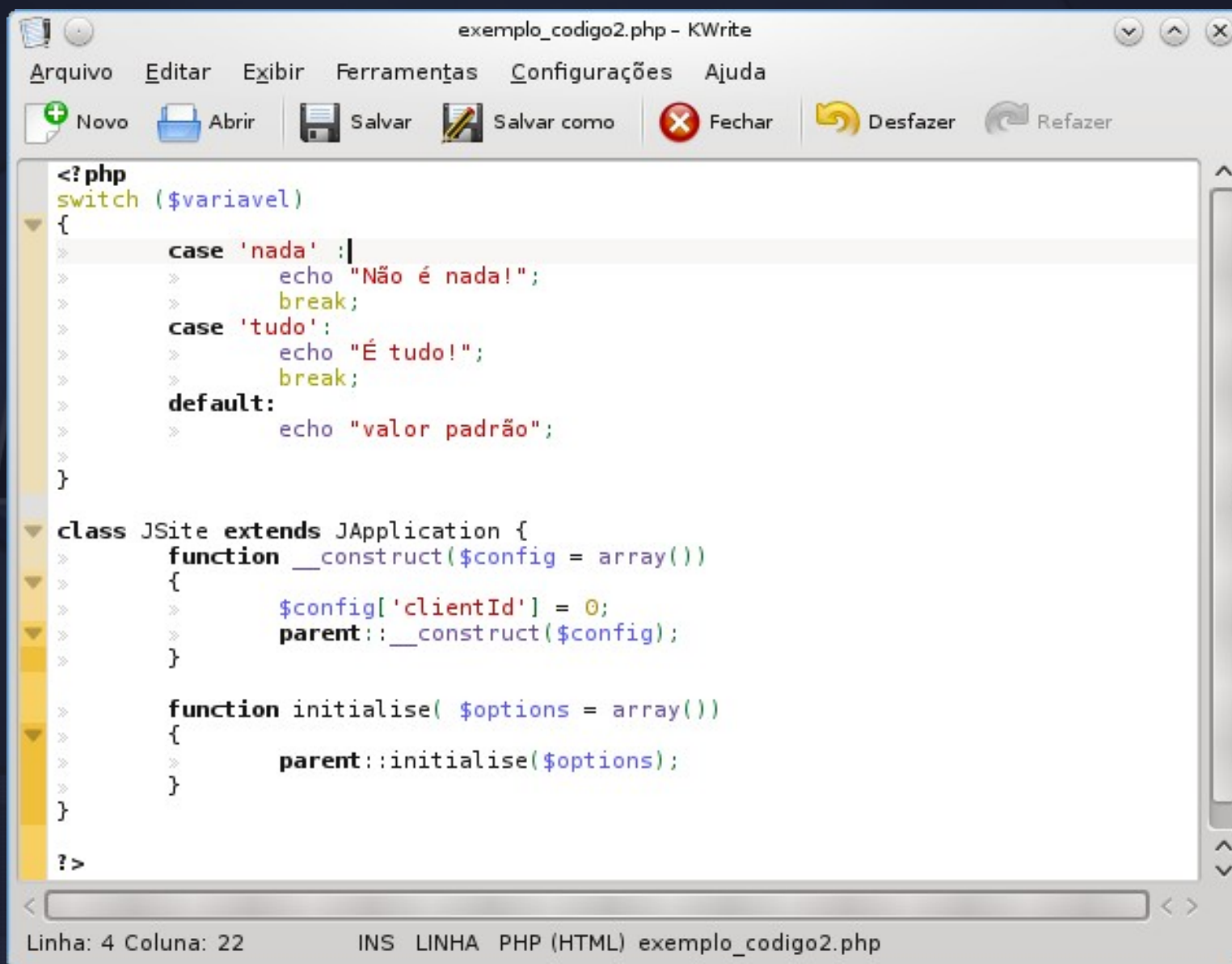
/**
 * Função que faz tal coisa.
 *
 * @param int $parametro1 É isso.
 * @param int $parametro2 É aquilo.
 * @return void
 */
function minhaFuncao($parametro1, $parametro2) {
    >     (...)
}

?>
```

Linha: 7 Coluna: 1 INS LINHA PHP (HTML) exemplo_codigo.php

p.net

Eu quero código!



```
<?php
switch ($variavel)
{
    case 'nada' :|
        >>     echo "Não é nada!";
        >>     break;
    case 'tudo':
        >>     echo "É tudo!";
        >>     break;
    default:
        >>     echo "valor padrão";
}

class JSite extends JApplication {
    >>     function __construct($config = array())
    >>     {
    >>         $config['clientId'] = 0;
    >>         parent::__construct($config);
    >>     }

    >>     function initialise( $options = array())
    >>     {
    >>         parent::initialise($options);
    >>     }
}

?>
```

Linha: 4 Coluna: 22 INS LINHA PHP (HTML) exemplo_codigo2.php

Como começar?

Você vê o mundo pelas janelas?

- ✓ Instale o XAMPP (www.apachefriends.org)
- ✓ PHP Editor, Komodo Edit, Eclipse + PDT...

Usando Linux?

- ✓ Instalar Apache + PHP (+ Mysql)
- ✓ Eclipse + PDT, Kate, Kwrite, Gedit, Komodo Edit ...

Frameworks, aplicações, CMS...

CMS:

- ✓ Joomla
- ✓ Drupal
- ✓ (...)

Frameworks:

- ✓ Zend Framework
- ✓ Cake PHP
- ✓ (...)

Aplicações:

- ✓ PHPProjekt
- ✓ (...)

Links

Background:

<http://downloads.open4group.com/wallpapers/liguagem-php-d7f12.jpg>

PHP:

<http://www.php.net>

XAMPP:

<http://www.apachefriends.org>

Para aprender PHP:

<http://books.google.com/>

<http://www.google.com.br/>