



## Témata vzhledu - D6

**Nike** BEIJING FOOTBALL SPORTSWEAR Global English

**Athletes**  
**Products**  
**Technologies**  
**Feature Archive**  
**Search**

**WELCOME**  
**SIGN UP**  
Sign up to receive exclusive, first-look stories, images and video to download for use in print, broadcast, and online media.  
**Sign Up**

**FRANCE 24** INTERNATIONAL NEWS 24/7  
**WORLD** BUSINESS SPORTS CULTURE SCIENCE WEATHER  
FRANCE EUROPE MIDDLE EAST AFRICA AMERICAS ASIA-PACIFIC  
TALK SPECIAL REPORTS THE OBSERVERS TRAVEL WELCOME TO FRANCE PEOPLE REPORTAGES  
ON FRANCE 24 PRESS REVIEW BLOGS RSS PODCAST MOBILE MY FRANCE 24  
FRIDAY, MAY 23, 2008 ▶ FRANÇAIS ENGLISH عربي

**BURMA - CYCLONE**  
**Burma's supremo gives nod to 'all' aid workers**

**FRANCE - BANKING SCANDAL** **MEDVEDEV ASIA TOUR**

**SEARCH**

**NEWS BRIEFS** **WEATHER**  
South American nations launch new policy...  
Poland, US at odds over impact of planne...  
McCain in good health: medical records...  
**US envoy to visit Beijing, Moscow for H...**  
US nuclear envoy Christopher Hill is to leave for Beijing

Español | Customer Support | FedEx Locations

**FedEx**  
Package/Envelope Freight Expedited Office/Print Services  
Ship ▶ Track ▶ Manage ▶ Business Solutions ▶

**Global News Home**  
Canada News  
Europe, Middle East & Africa News  
Asia News  
Latin America News  
Events Around the World  
FedEx News Archive

**Newsroom**

**FedEx Latest News**

**35 Years Connecting the World**  
1973 1975

**Nike Unveils**  
Nike President announced at China's famed Chinese athletes cultural elements  
**Read More**

**PLAY VIDEO**  
FRIDAY 23 MAY 2008  
**Burma's supremo gives nod to 'all' aid workers**  
In what he admitted was a "breakthrough," UN chief Ban ki-Moon said Burma's military leader Gen. Than Shwe had agreed to aid workers into the cyclone-struck nation during a meeting in Naypyidaw. (France24's A. Beaumont reports from Burma)  
▶ FULL STORY ▶ REACT



## Témata vzhledu - D6

- Oddělení logické vrstvy od prezentační
- Snaha co nejvíce ulehčit designérům vytváření témat
  - Využívání spíše souborů .tpl.php než funkcí (přehlednost)
  - CSS sub-themes
- Vylepšení výkonu - Theme registry



## Z čeho se téma skládá

- .info soubor (regiony, styly, engine, další...)
- .tpl.php soubory (soubory témat - node.tpl.php,...)
- template.php (funkce, \_preprocess,...)
- logo.png
- screenshot.png
- pod-témata,...
- libovolné složky, styly,...
- theme-settings.php - pokročilejší nastavení
- color module



## Generování stránky

- **theme('hook', \$arguments)**
- hook = funkce
  - nazevTematu\_hook
  - nazevEnginu\_hook
  - theme\_hook - default



## Generování stránky

- hook = template soubor .tpl.php
- \*\_preprocess, \*\_preprocess\_hook
- Drupal sestaví návrhy (suggestions)
- Hledání návrhu (navrh.tpl.php)
- Pokud nenalezne vrátí se zpátky k default hook.tpl.php



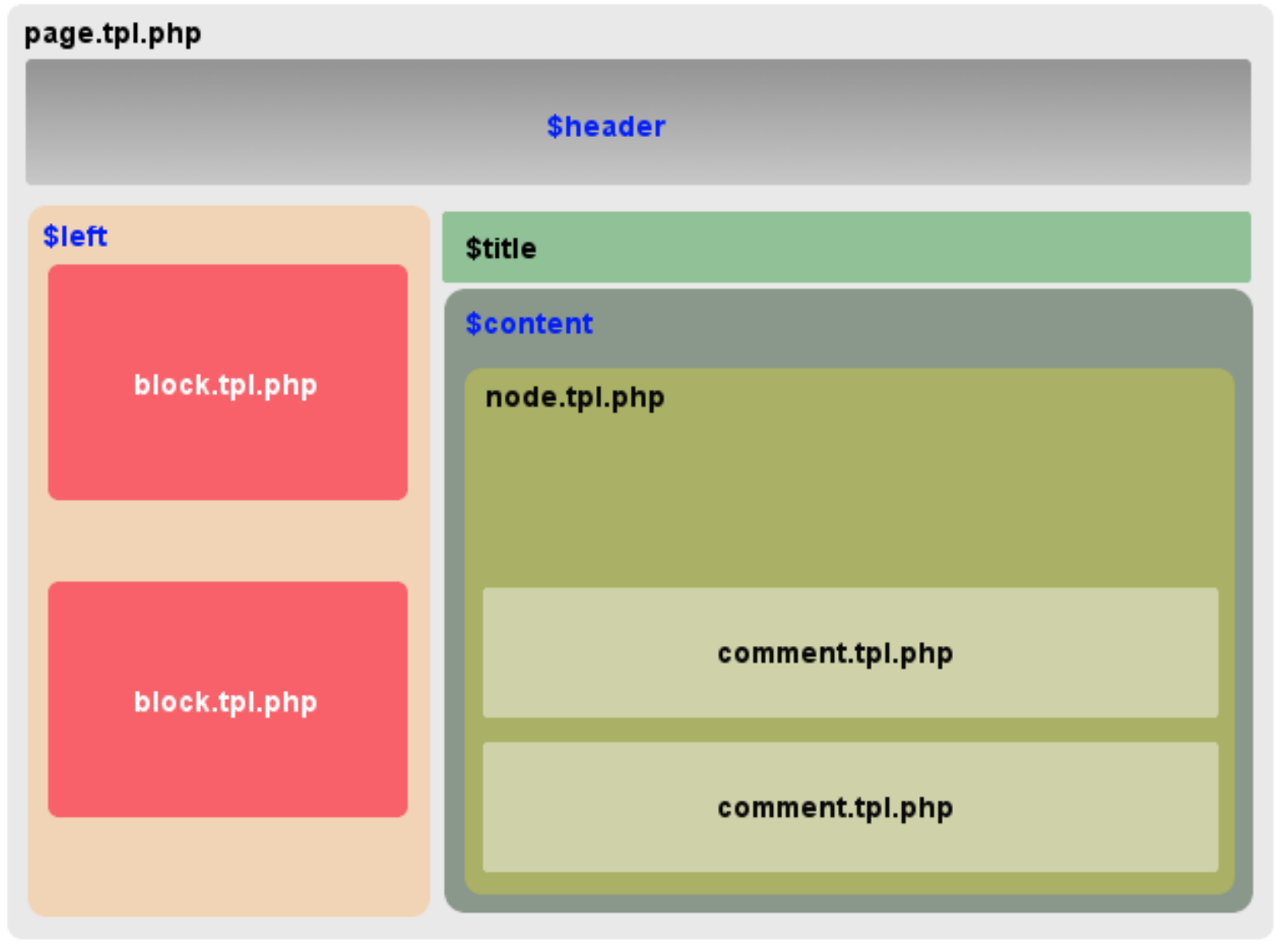
## Generování stránky - návrhy

url <http://www.example.com/node/1/edit>

- Návrhy
  - page-node-edit.tpl.php
  - page-node-1.tpl.php
  - page-node.tpl.php
  - page.tpl.php



## Stránka





## .info soubor

```
name = Nazev tematu
description = Kratky popis tematu.
core = Kompatibilita s jadrem (6.x)
engine = phptemplate
stylesheets[all][] = style.css
stylesheets[print][] = print.css
scripts[] = script.js
regions[left] = Levy region
regions[right] = Pravy region
regions[header] = Hlavicka
regions[footer] = Paticka
features[] = favicon
features[] = logo
```





## page.tpl.php

```
k?php
// $Id: page.tpl.php,v 1.18 2008/01/24 09:42:53 goba Exp $
?><!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
  "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="<?php print $language->language ?>"
  lang="<?php print $language->language ?>" dir="<?php print $language->dir ?>">
  <head>
    <title><?php print $head_title ?></title>
    <?php print $head ?>
    <?php print $styles ?>
    <?php print $scripts ?>
    <!--[if lt IE 7]>
      <?php print phptemplate_get_ie_styles(); ?>
    <![endif]-->
  </head>
  <body<?php print phptemplate_body_class($left, $right); ?>>

<!-- Layout -->
  <div id="header-region" class="clear-block"><?php print $header; ?></div>

  <div id="wrapper">
    <div id="container" class="clear-block">
```



## comment.tpl.php

```
/**  
 * @file comment.tpl.php  
 * Default theme implementation for comments.  
 *  
 * Available variables:  
 * - $author: Comment author. Can be link or plain text.  
 * - $content: Body of the post.  
 * - $date: Date and time of posting.  
 * - $links: Various operational links.  
 * - $new: New comment marker.  
 * - $picture: Authors picture.  
 * - $signature: Authors signature.  
 * - $status: Comment status. Possible values are:  
 * comment-unpublished, comment-published or comment-review.  
 * - $submitted: By line with date and time.  
 * - $title: Linked title.  
 ...
```



## comment.tpl.php

```
<div class="comment"><?php print ($comment->new) ? ' comment-new' : ''; print ' '.  
$status ?> clear-block">  
  <?php print $picture ?>  
  
  <?php if ($comment->new): ?>  
    <span class="new"><?php print $new ?></span>  
  <?php endif; ?>  
  
  <h3><?php print $title ?></h3>  
  
  <div class="submitted">  
    <?php print $submitted ?>  
  </div>  
  
  <div class="content">  
    <?php print $content ?>  
    <?php if ($signature): ?>  
      <div class="user-signature clear-block">  
        <?php print $signature ?>  
      </div>  
    <?php endif; ?>  
  </div>  
  
  <?php print $links ?>  
</div>
```



## comment.module preprocess

```
function template_preprocess_comment(&$variables) {
  $comment = $variables['comment'];
  $node = $variables['node'];
  $variables['author'] = theme('username', $comment);
  $variables['content'] = $comment->comment;
  $variables['date'] = format_date($comment->timestamp);
  $variables['links'] = isset($variables['links']) ? theme('links', $variables['links']) :
❖ '';
  $variables['new'] = $comment->new ? t('new') : '';
  $variables['picture'] = theme_get_setting('toggle_comment_user_picture') ?
❖ theme('user_picture', $comment) : '';
  $variables['signature'] = $comment->signature;
  $variables['submitted'] = theme('comment_submitted', $comment);
  $variables['title'] = l($comment->subject, $_GET['q'], array('fragment' =>
❖ "comment-{$comment->cid}"));
  $variables['template_files'][] = 'comment-'. $node->type;
  // set status to a string representation of comment->status.
  if (isset($comment->preview)) {
    $variables['status'] = 'comment-preview';
  }
  else {
    $variables['status'] = ($comment->status == COMMENT_NOT_PUBLISHED) ?
❖❖❖❖ 'comment-unpublished' : 'comment-published';
  }
}
```



## template.php

```
function phptemplate_breadcrumb($breadcrumb) {
  if (!empty($breadcrumb)) {
    return '<div class="breadcrumb">'. implode(' > ', $breadcrumb) . '</div>';
  }
}

/**
 * Allow themable wrapping of all comments.
 */
function phptemplate_comment_wrapper($content, $node) {
  if (!$content || $node->type == 'forum') {
    return '<div id="comments">'. $content . '</div>';
  }
  else {
    return '<div id="comments"><h2 class="comments">'. t('Comments') . '</h2>'. $content
    &amp;&&& . '</div>';
  }
}
```



## Téma v tématu - sub-theme

- Můžou využívat (sdílet) funkce hlavního tématu
  - CSS, js, .tpl.php, přepsané funkce z template.php
- Hlavní téma definované v .info souboru tématu
  - base theme = název tématu
- Nesdílí – některá nastavení z .info souboru, logo, theme-settings.php, color



## Color.module

- Umožňuje administrátorovi lehce změnit barevné schéma tématu
- Podporuje pouze jeden gradient
- Nastavení v color/color.inc souboru
- base.png obrázek se kterým se pracuje
- preview.png obrázek používaný pro preview
- preview.css styl pro generování preview
- Vytvoří nový přizpůsobený CSS soubor



## Color.module

Color scheme

Color set:	<input type="text" value="Greenbeam"/>
Base color:	<input type="text" value="#c9c497"/>
Link color:	<input type="text" value="#0c7a00"/>
Header top:	<input type="text" value="#03961e"/>
Header bottom:	<input type="text" value="#7be000"/>
Text color:	<input type="text" value="#494949"/>





## Color.module

Preview

*Garland – Fluid Width*

*Garland*

**Lorem ipsum dolor**

Sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud **exercitation ullamco** laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.



## Theming Forms

- Většina formulářů má vlastní theme funkci definovanou v modulu

```
/**
 * Implementation of hook_theme()
 */
function poll_theme() {
  return array(
    'poll_vote' => array(
      'template' => 'poll-vote',
      'arguments' => array('form' => NULL),
    ),
    'poll_choices' => array(
```

```
/**
 * @file poll-vote.tpl.php
 * Voting form for a poll.
 *
 * - $choice: The radio buttons for the choices in the poll.
 * - $title: The title of the poll.
 * - $block: True if this is being displayed as a block.
 * - $vote: The vote button
 * - $rest: Anything else in the form that may have been added via
 *   form_alter hooks.
 *
 * @see template_preprocess_poll_vote()
```



## Theming Forms

- Pokud nemá registrovanou theme funkci musíme ji registrovat v template.php
- Pomocí drupal\_render renderujeme části formuláře

```
function themeName_theme() {  
  return array(  
    'any_form' => array(  
      'arguments' => array('form' => NULL),  
    ),  
  );  
}
```



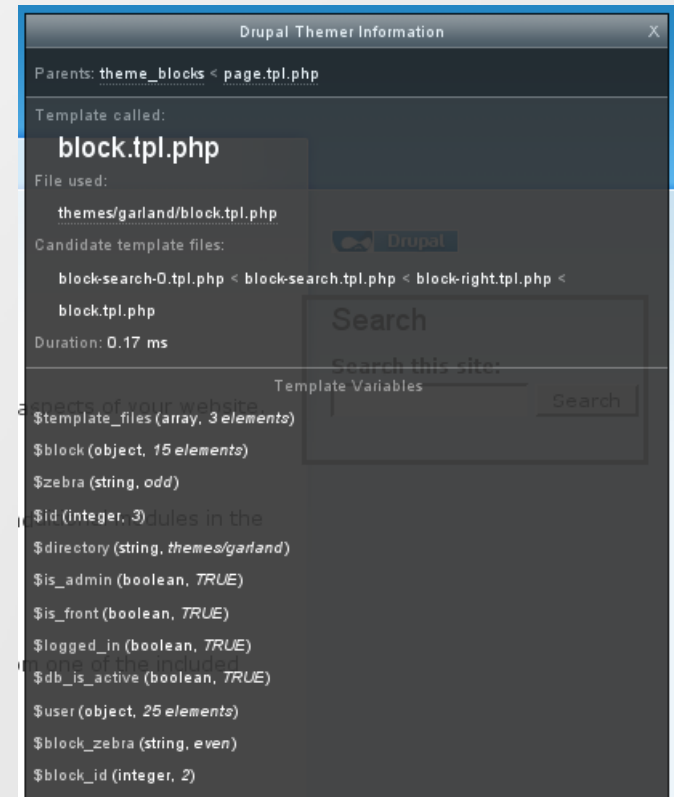
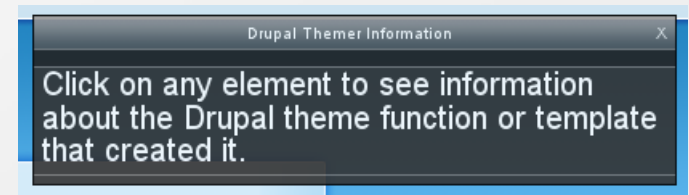
## Theming Forms

```
function themeName_any_form($form) {  
  $simple = "";  
  foreach (element_children($form) as $element) {  
    if ($element == 'advanced') {  
      $advanced = drupal_render($form[$element]);  
    }  
    else {  
      $simple .= drupal_render($form[$element]);  
    }  
  }  
  return $advanced . $simple;  
}
```



## Devel module

- FireBug pro Drupal
- Návrhy (suggestions)
- Proměnné
- <http://drupal.org/project/devel>





## Čeho se vyvarovat

- Při vytváření témat, nepřizpůsobujte si moduly nebo jádro k vlastním potřebám
- Pokud se výstup modulu nedá přepsat v tématu, zřejmě jde o chybu
- Nevkládejte vlastní meta tagy pro linkování css nebo js, použijte .info soubor



## Odkazy

- Seznam témat - <http://drupal.org/project/Themes>
- Dokumentace - <http://drupal.org/theme-guide>
- Devel module - <http://drupal.org/project/devel>
- Themes mailing list - <http://drupal.org/mailling-lists>
- Theme garden - <http://themegarden.org>
- IRC #drupal-themes



## Dotazy?

Marek Sotak 2008  
[marek@sotak.co.uk](mailto:marek@sotak.co.uk)  
<http://sotak.co.uk>