

BALTIC TALENTS ACADEMY

PHP

KARTOJIMAS

- ▶ jQuery - reikšmė funkcija
- ▶ jQuery - pridėti / išmesti elementus
- ▶ jQuery CSS metodai
- ▶ jQuery box modelis
- ▶ jQuery AJAX

JQUERY - REIKŠMĖ FUNKCIJA

.text(function)
.html(function)
.val(function)

```
function(index, original) {  
    ...  
    return newValue;  
}
```

```
pvz.:  
$('li').text(function(i, original) {  
    var nauja = i + ' ' + original;  
    return nauja;  
});
```

JQUERY - PRIDĖTI ELEMENTUS

`.append('HTML tekstas', ...)` pridedame prie elemento galo

`.prepend('HTML tekstas', ...)` pridedame nuo elemento pradžios

`.after('HTML tekstas', ...)` pridedame už elemento

`.before('HTML tekstas', ...)` pridedame prieš elementą

JQUERY - IŠMESTI ELEMENTUS

`.remove(filtrai, ...)` ištrinti pasirinktus elementus.

Galimas parametras 'filtrai' - tai papildomas selektorius elementams

`.empty()` ištrinti pasirinktų elementų vaikus

JQUERY - CSS

`.addClass('klase1 klase2')` pridėti prie elementų klases

`.removeClass('klase')` išmesti elementų klasę

`.toggleClass('klase')` pridėti/išmesti elementų klasę

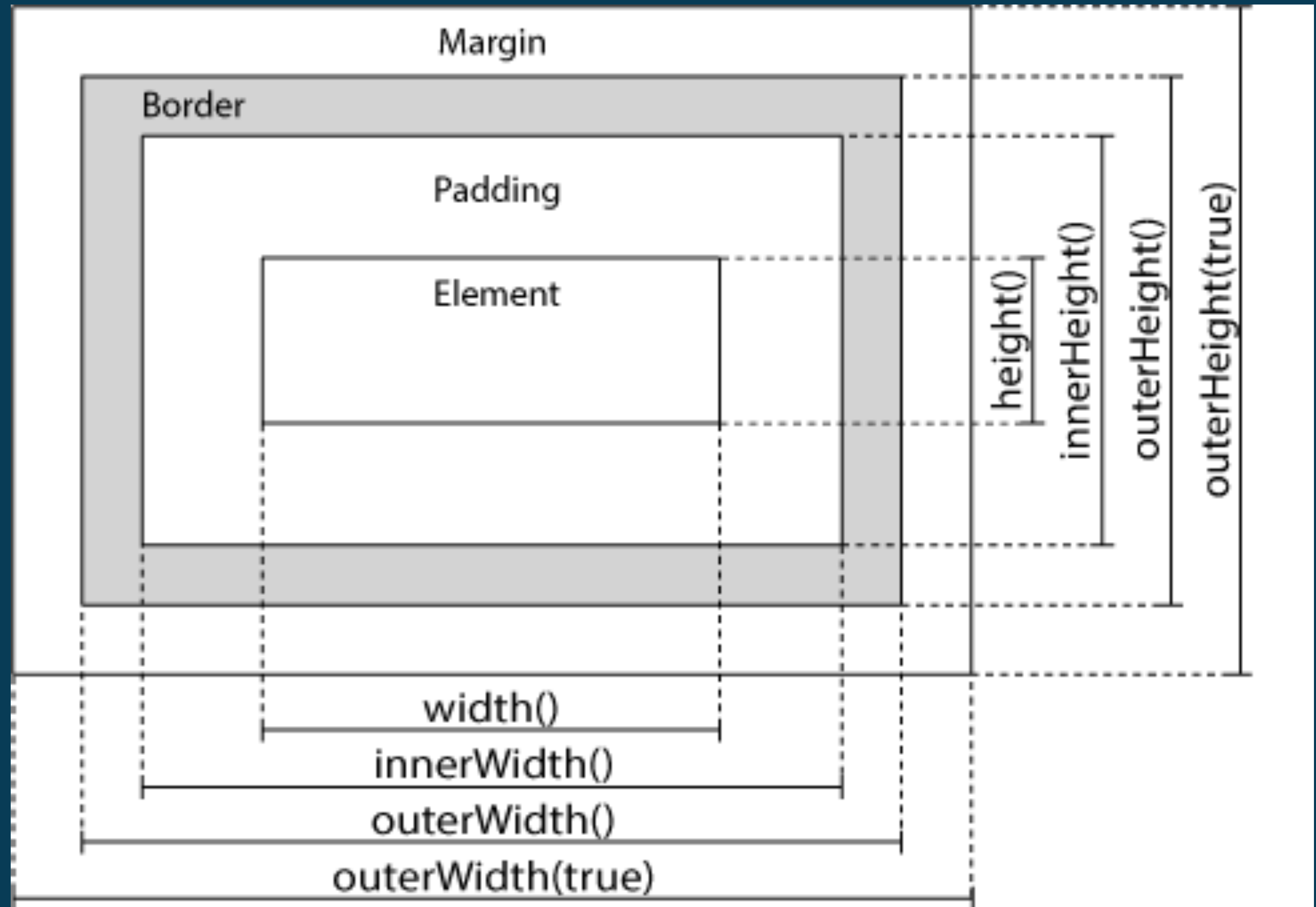
`.css('background-color')` gražina pirmo surasto elemento stiliaus reikšmę (visada!!!, nes elemento stiliaus atitinkamas atributas gali ir neturėti reikšmės jei žiūrėti paprastai, o jQuery visada gražina reikšmę)

`.css('color', 'red')`

`.css({'color': 'white', 'background-color': 'black'})`

nustatyti elementų stilius

jQuery - ELEMENTO DYDŽIAI



JQUERY - AJAX - GET/POST

```
$.get(url, callback);
```

```
$.get(url, data, callback);
```

```
$.post(url, data, callback);
```


TCP/IP PROTOKOLAI

- ▶ TCP - Transmission Control Protocol - taisyklių rinkinys skirtas duomenų tarp dviejų mazgų pasikeitimui
 - ▶ HTTP - Hypertext Transfer Protocol
 - ▶ HTTPS - HTTP Secure, HTTP over SSL (Secure Sockets Layer)
 - ▶ FTP - File Transfer Protocol
- ▶ IP - Internet Protocol - jo uždavinys pristatyti duomenų paketą iki reikiamo mazgo
- ▶ IPv4 - IP protokolo 4 versija - standartas priimtas 1981, pirmas pritaikymas ARPANET 1983

IPv4 ADRESAI

- ▶ 32bit - adresui aprašyti, t.y. viso galimų adresų:
 $2^{32} = 4,294,967,296$
- ▶ a.b.c.d - 8bit x 4 - 0..255

pvz.:

- ▶ 216.58.209.100 (www.google.com)
- ▶ 91.234.200.111 (www.delfi.lt)

DNS SERVERIAI

- ▶ Paskirtis - paversti www.delfi.lt, kurį gerai atsimena žmonės, į 91.234.200.111, kurį supranta kompiuteriai.
- ▶ DNS serverių hierarchija.
- ▶ Interneto pažeidžiamumas.

HTTP - HTML

- ▶ HTTP - Hypertext Transfer Protocol - Hiperteksto perdavimo protokolas
- ▶ HTML - HyperText Markup Language - Hiperteksto žymėjimo kalba

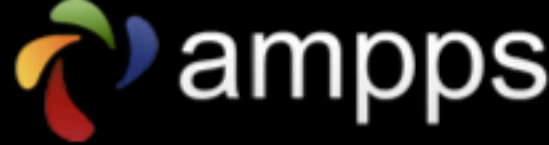
HTTP SERVERIAI

- ▶ Specializuotos programos (servisai) skirti aptarnauti HTTP ir HTTPS užklausas. T.y. aptarnauti internetinius puslapius / programas.
- ▶ Apache HTTP - pats populiariausias nemokamas HTTP serveris (43% tarp top milijonų svetainių) mokantis dirbti tiek Windows tiek Linux serveriuose - pradžia 1995.

PHP

- ▶ Pradėta 1995 kaip puslapių kūrimo įrankis serveryje.
- ▶ PHP 5 - 2004
- ▶ PHP 7 - 2015

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AMPPS Stack

AMPPS is a WAMP, MAMP and LAMP stack of Apache, MySQL, MongoDB, PHP, Perl & Python.


AMPPS enables you to focus more on using applications rather than maintaining them.

With AMPPS you can create a website by installing any of the 413 Apps, customizing it, and then simply publishing it on the internet via a wide choice of hosting service providers.

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What is AMPPS ?



AMPPS is an easy to install software stack of Apache, Mysql, PHP, Perl, Python and Softaculous auto-installer that can be used on Desktops and office servers.

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With Softaculous

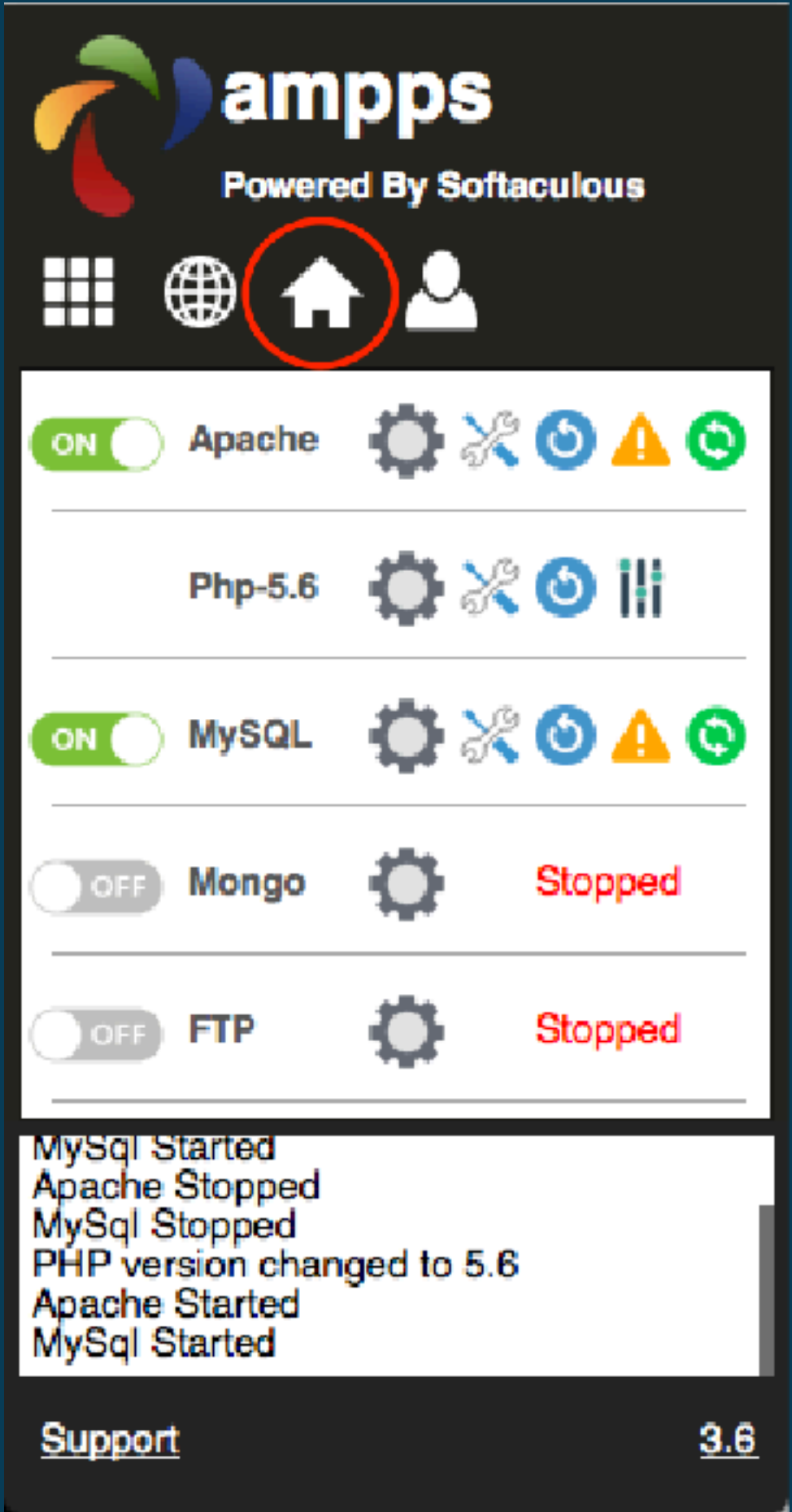
AMPPS Features

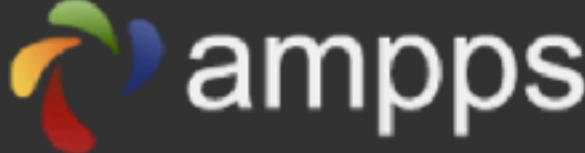
A complete package on your desktop, same like the server that provides many open source web applications. Application Management, Domain management, Database management, etc. are provided in a secure environment to ease your development.

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Demo


PHPMYADMIN DIEGIMAS








[PHP](#) [JavaScripts](#) [PERL](#) [Classes](#)


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 Micro Blogs


 Portals/CMS


 Forums


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
 Wikis


 Social Networking


 Ad Management


 Calendars


 Gaming


 Mails


 Polls and Surveys


 Project Management


 E-Commerce


 ERP


 Guest Books

 Customer Support


 Frameworks

 Educational


 DB Tools


 Music


Welcome soft


AMPPS 


Configure

Secure AMPPS


Security Center


Status


Add Domain


Manage Domains


Database Tools

SQLite Manager


Add Database


phpMyAdmin


MySQL Password

RockMongo


Features


Alias Manager

Manage FTP

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Project Management

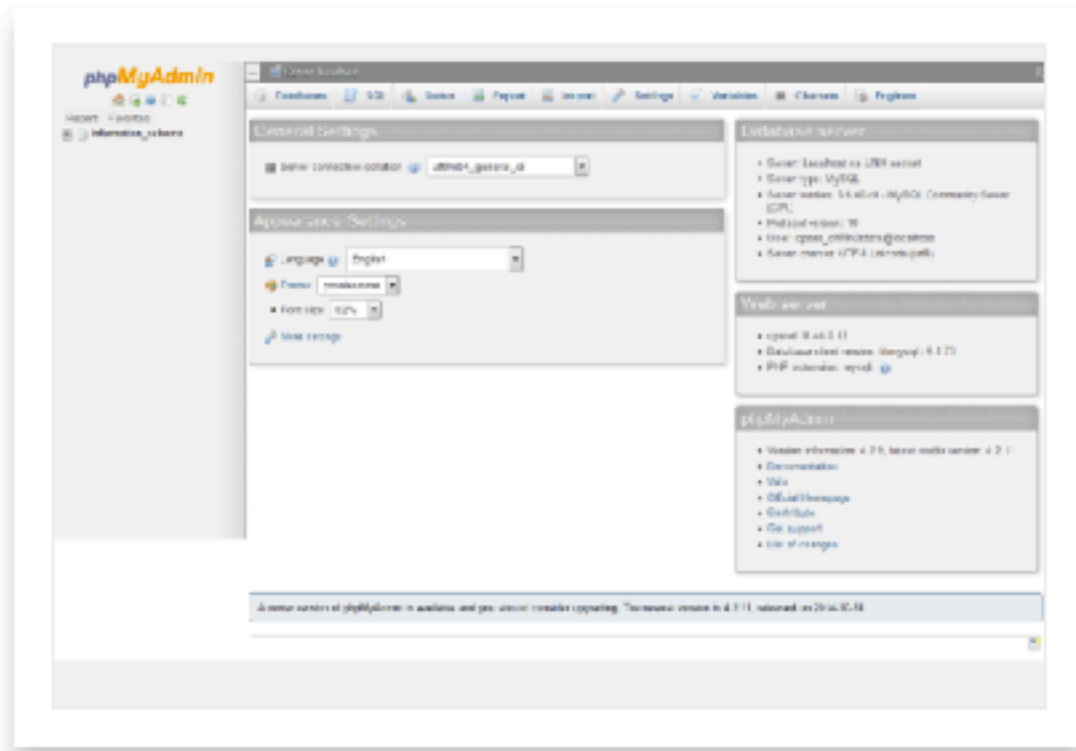
PHP JavaScripts PERL Classes

Welcome soft

phpMyAdmin

★★★★☆ Version : 4.6.6 Release Date : 23-01-2017 Changelog

Install Overview Features Screenshots Demo Ratings Reviews Import



phpMyAdmin is a free software tool written in PHP intended to handle the administration of MySQL over the World Wide Web.

phpMyAdmin supports a wide range of operations with MySQL. The most frequently used operations are supported by the user interface (managing databases, tables, fields, relations, indexes, users, permissions, etc), while you still have the ability to directly execute any SQL statement.

phpMyAdmin is released under the GNU GENERAL PUBLIC LICENSE.

The screenshot shows the ampps web interface. On the left is a dark sidebar with the 'ampps' logo and a list of application categories: Blogs, Micro Blogs, Portals/CMS, Forums, Image Galleries, Wikis, Social Networking, Ad Management, Calendars, Gaming, Mails, Polls and Surveys, Project Management, and E-Commerce. The main content area has a top navigation bar with 'PHP', 'JavaScripts', 'PERL', and 'Classes'. Below this, a 'Welcome soft' message is visible. The central focus is the 'phpMyAdmin' installation page. It features the phpMyAdmin logo, a 5-star rating, version '4.6.6', and a release date of '23-01-2017'. A 'Changelog' button is present. A horizontal menu includes 'Install' (which is active), 'Overview', 'Features', 'Screenshots', 'Demo', 'Ratings', 'Reviews', and 'Import'. The main text area displays a success message: 'Congratulations, the software was installed successfully'. Below this, a red circle highlights the text: 'phpMyAdmin has been successfully installed at : <http://127.0.0.1/myadmin>'. Further down, it says 'We hope the installation process was easy.' and includes a disclaimer: 'NOTE: Softaculous is just an automatic software installer and does not provide any support for the individual software packages. Please visit the software vendor's web site for support!'. The page concludes with 'Regards, Softaculous Auto Installer' and a 'Return to Overview' link.

ampps

PHP JavaScripts PERL Classes

Welcome soft

Search

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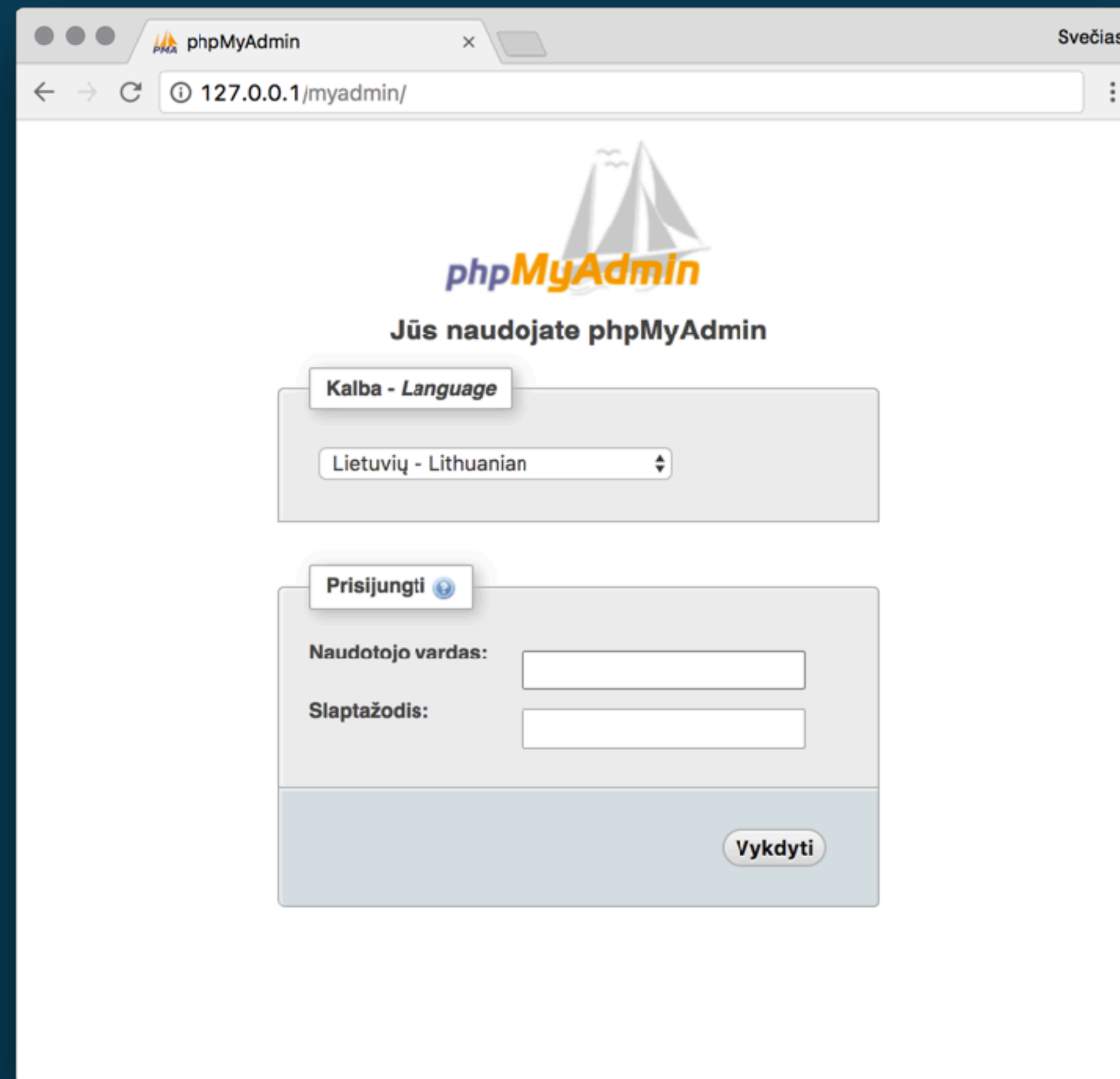
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NOTE: Softaculous is just an automatic software installer and does not provide any support for the individual software packages. Please visit the software vendor's web site for support!

Regards,
Softaculous Auto Installer

[Return to Overview](#)

PHPMYADMIN - ROOT / MYSQL



DUOMENŲ BAZĖS

- ▶ Klientas - serveris
- ▶ Duomenų bazės serveriai
- ▶ MySQL - pirma versija 1995. Viena iš pačių populiariausių nemokamų DB serverių.
- ▶ MySQL - Reliacinė duomenų bazė

RELIACINĖ DUOMENŲ BAZĖ

- ▶ Duomenys saugomi lentelėse.
- ▶ Lentelės stulpeliai - tai duomenų atributai, o lentelės eilutės - tai duomenų bazės įrašas, pvz:

Zmones

id	vardas	pavarde	gimData
100	Winston	Churchill	1874-11-30
101	Václav	Havel	1936-10-19
102	Czesław	Miłosz	1911-06-30

Pareigos

id	dataNuo	dataIki
100	1940	1945
100	1951	1955
101	1989	1992

SQL

- ▶ `SELECT * FROM zmones`
- ▶ `SELECT id, vardas, pavarde
FROM zmones
ORDER BY pavarde, vardas`
- ▶ `SELECT * FROM zmones
WHERE pavarde = 'Stuart' AND gimData > '1300-01-01'
ORDER BY gimData`

SQL

- ▶ INSERT INTO zmones(vardas, pavarde, gimData)
VALUES('Robert II', 'Stuart', '1316-03-02');
- ▶ UPDATE zmones
SET vardas = 'Robert III', gimData = '1337-01-01'
WHERE id = 1530
- ▶ DELETE FROM zmones
WHERE id = 2000
- ▶ <https://www.w3schools.com/sql/>

PHP - PERSONAL HOME PAGE / HYPERTEXT PREPROCESSOR

- ▶ Pradėta 1995 kaip puslapių kūrimo įrankis serveryje.
- ▶ PHP 5 - 2004
- ▶ PHP 7 - 2015

PHP

PHP komandos tiesiogiai rašomos į HTML puslapio kodą ir vykdomos serveryje (!!!).

Failas kuriame yra php komandos turi turėti plėtinį **.php**

PHP komandos rašomos tarp tagų **<?php** ir **?>**

pvz.:

```
<h1><?php echo $antraste; ?></h1>
```

```
<footer>
```

```
    Paskutinis taisymas <?php echo date("Y"); ?>m.
```

```
</footer>
```

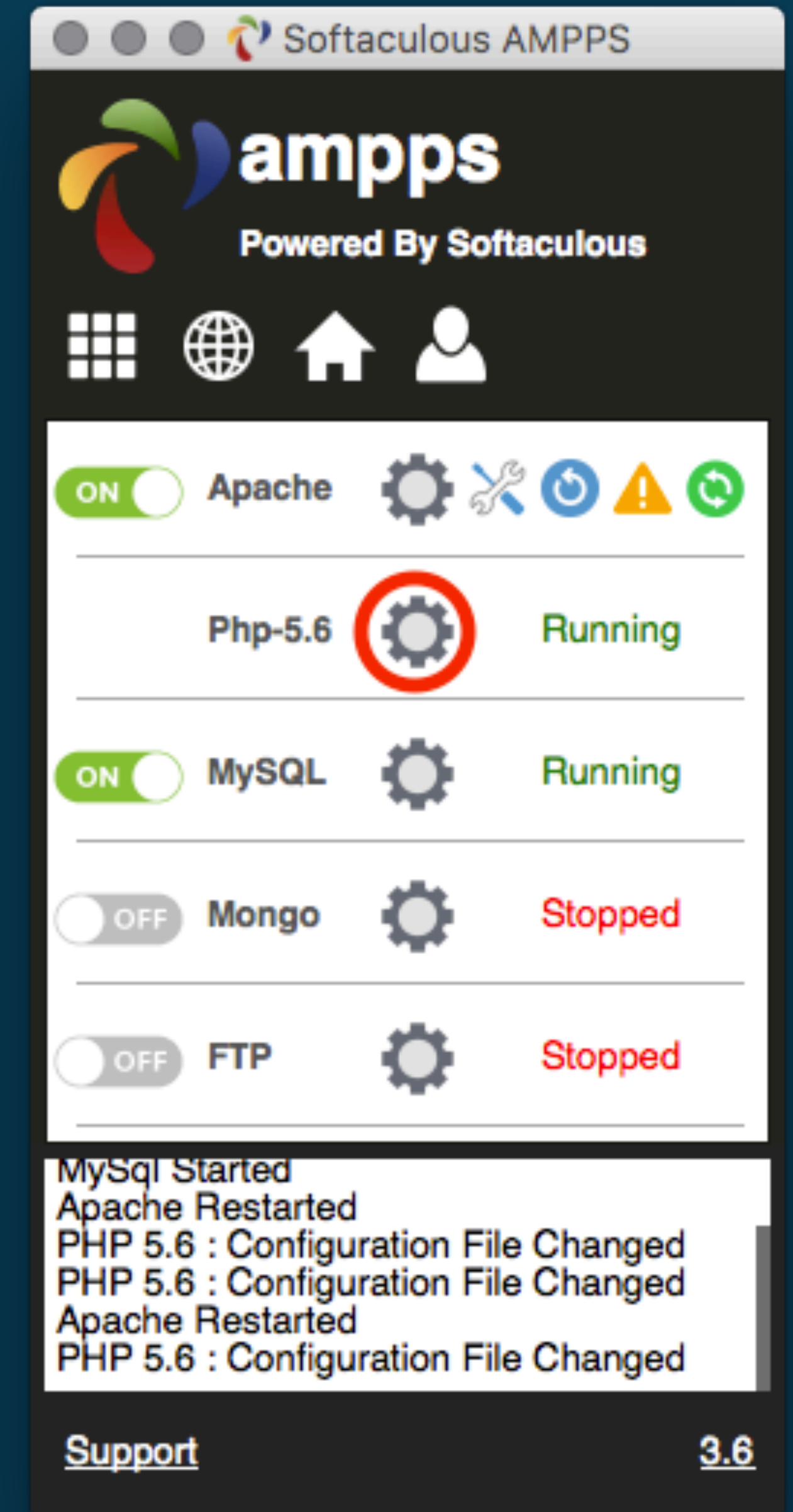
PHP - TEKSTINĒS EILUTĒS

- ▶ `"!Hello world!"`
- ▶ `'!Hello world!'`
- ▶ `!' . 'Hello' . " " . "world" . "!"`
- ▶ `$x = '!'`
 - ▶ `$x . 'Hello world' . $x`
 - ▶ `"${x}Hello world${x}"`
 - ▶ `"${x}Hello world$x"`

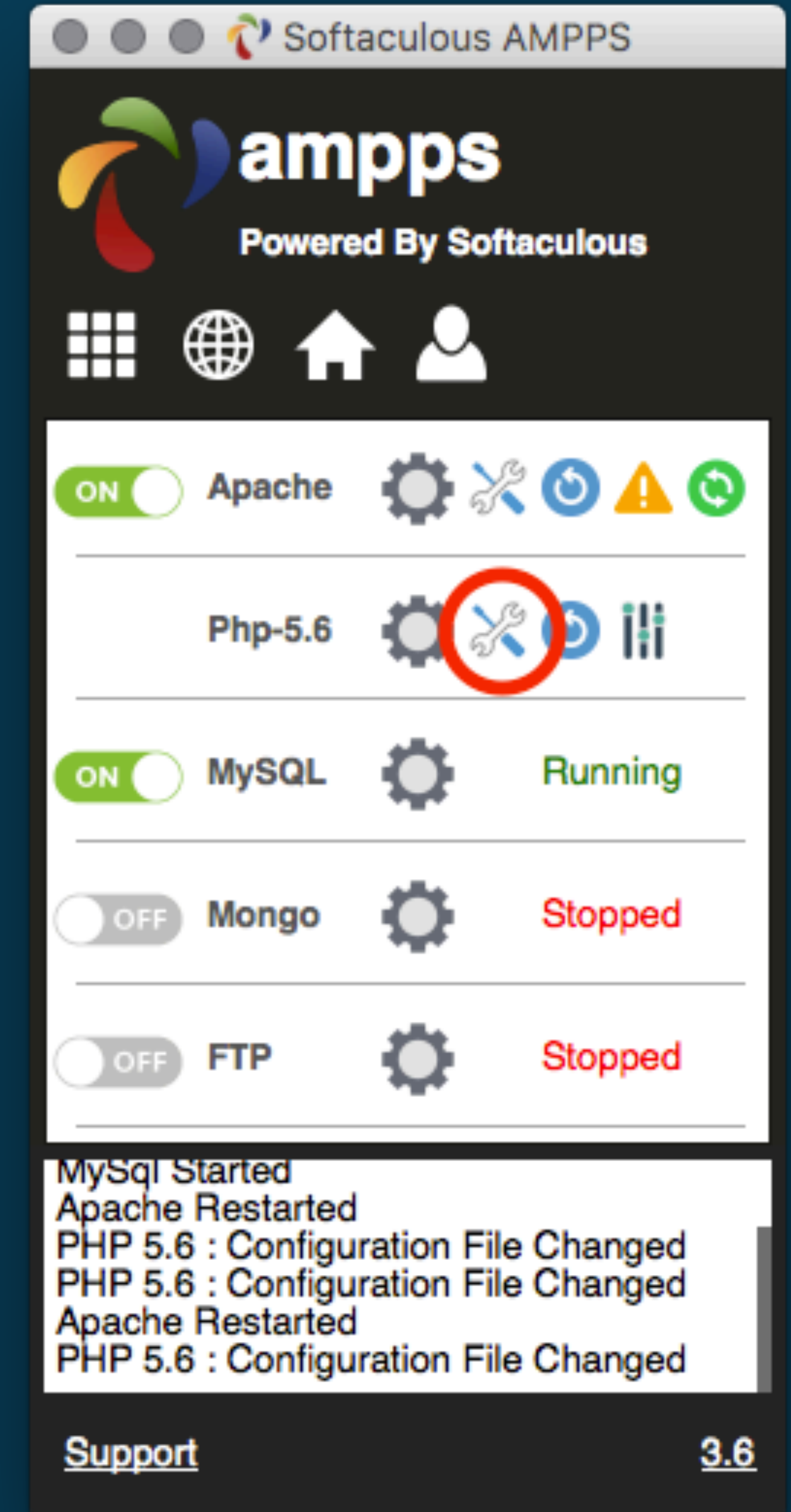
PHP

- ▶ Kintamieji - pirmas vardo simbolis `$`
- ▶ Ciklas: `for ($x = 1; $x <= 100; $x++) { ... }`
- ▶ Išvesti tekstą HTML puslapyje galima su komanda `echo`
- ▶ `<?php`
 `$suma = 0; $riba = 100;`
 `for ($x = 1; $x <= $riba; $x++) {`
 `$suma += $x;`
 `echo "Sumuojame skaičius: $x
";`
 `}`
 `echo 'Suma: ' . $suma . '
';`
 `echo 'Vidurkis: ' . $suma/$riba;`
 `?>`
- ▶ <http://www.w3schools.com/php/>

PHP - TIMEZONE NUSTATYMAS



PHP - TIMEZONE NUSTATYMAS



PHP - TIMEZONE NUSTATYMAS

- ▶ Surandame eilutę:

```
;date.timezone =
```

- ▶ Ir pakeičiame ją, t.y. ištriname priekyje esantį kabliataškį (;) ir gale prirašome `Europe/Vilnius`:

```
date.timezone = Europe/Vilnius
```

UŽDAVINYS

Sukurkite paprasčiausią php faila kuriame būtų antraštė ir login forma su vardo ir slaptažodžio įvedimo lauku ir su mygtuku “Prisijungti”. Padarykite, kad su php kažkur rodytų copyright simbolį © ir dabartinius metus.