

ZABBIX '24

CONFERENCE

LATIN AMERICA

JUNE, 07-08, 2024. SÃO PAULO, BRAZIL

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Como criar módulos de frontend customizados para o Zabbix

WHOAMI



Graduado em Tecnologia de
Sistemas de Informação



Pós Graduação em DevOps



Zabbix Certified Expert V6

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ANTES DE USAR MÓDULOS



ALTERAÇÕES DIRETO NO CODIGO PHP DO ZABBIX



DIFÍCIL ENTENDIMENTO DO CODIGO



ZERO PORTABILIDADE

Editando esses arquivos é possível personalizar os menus do Zabbix

`/usr/share/zabbix/include/classes/mvc/CRouter.php`

`/usr/share/zabbix/include/classes/helpers/CMenuHelper.php`

CRouter

```
:/var/www/zabbix/include/classes/mvc
r/www/zabbix/include/classes/mvc
<?php declare(strict_types = 1);
/**
 * Zabbix
 * Copyright (C) 2001-2021 Zabbix SIA
 *
 * This program is free software; you can redistribute it and/or modify
 * it under the terms of the GNU General Public License as published by
 * the Free Software Foundation; either version 2 of the License, or
 * (at your option) any later version.
 *
 * This program is distributed in the hope that it will be useful,
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 *
 * You should have received a copy of the GNU General Public License
 * along with this program; if not, write to the Free Software
 * Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.
 */

class CRouter {
    /**
     * Layout used for view rendering.
     *
     * @var string
     */
    private $layout = null;

    /**
     * Controller class for action handling.
     *
     * @var string
     */
    private $controller = null;

    /**
     * View used to generate HTML, CSV, JSON and other content.
     *
     */
}
```

1,1 Topo

CMenuHelper

```
:/var/www/zabbix/include/classes
r/www/zabbix/include/classes
<?php declare(strict_types = 1);
/**
 * Zabbix
 * Copyright (C) 2001-2021 Zabbix SIA
 *
 * This program is free software; you can redistribute it and/or modify
 * it under the terms of the GNU General Public License as published by
 * the Free Software Foundation; either version 2 of the License, or
 * (at your option) any later version.
 *
 * This program is distributed in the hope that it will be useful,
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 * MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
 * GNU General Public License for more details.
 *
 * You should have received a copy of the GNU General Public License
 * along with this program; if not, write to the Free Software
 * Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.
 */

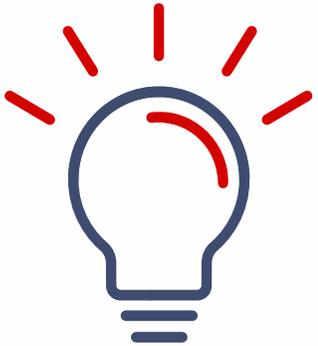
class CMenuHelper {
    /**
     * Get main menu element.
     *
     * @return CMenu
     */
    public static function getMainMenu(): CMenu {
        $menu = new CMenu();

        $submenu_monitoring = [
            CWebUser::checkAccess(CRoleHelper::UI_MONITORING_DASHBOARD)
                ? (new CMenuItem(_('Dashboard')))
                    ->setAction('dashboard.view')
                    ->setAliases(['dashboard.list'])
                : null,
            CWebUser::checkAccess(CRoleHelper::UI_MONITORING_PROBLEMS)

```

"A persistência é a força da alma."

John Calvin



COM O USO DE MODULOS



FACIL COMPREENSÃO DO CODIGO

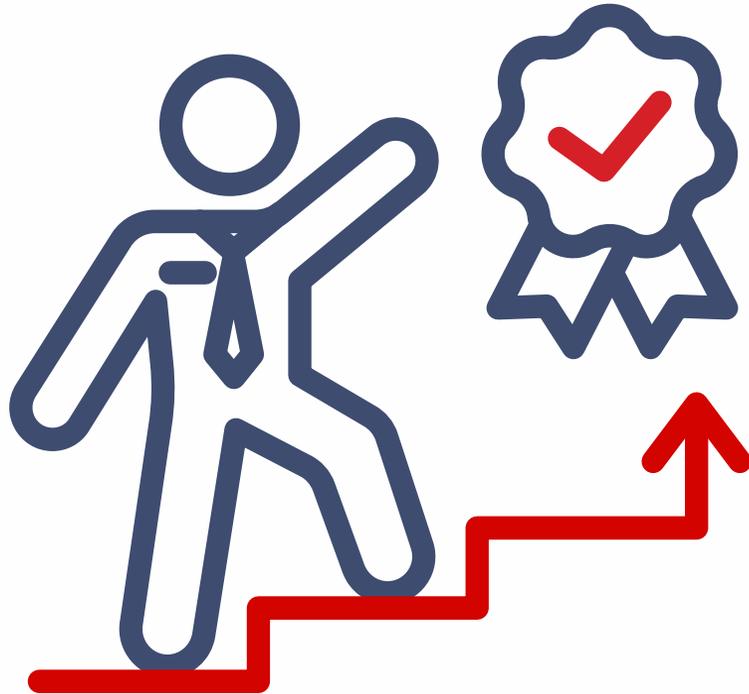


ADAPTAVEL



TOTAL PORTABILIDADE ENTRE VERSÕES

CONQUISTAS



USABILIDADE

Facil usabilidade e adaptabilidade

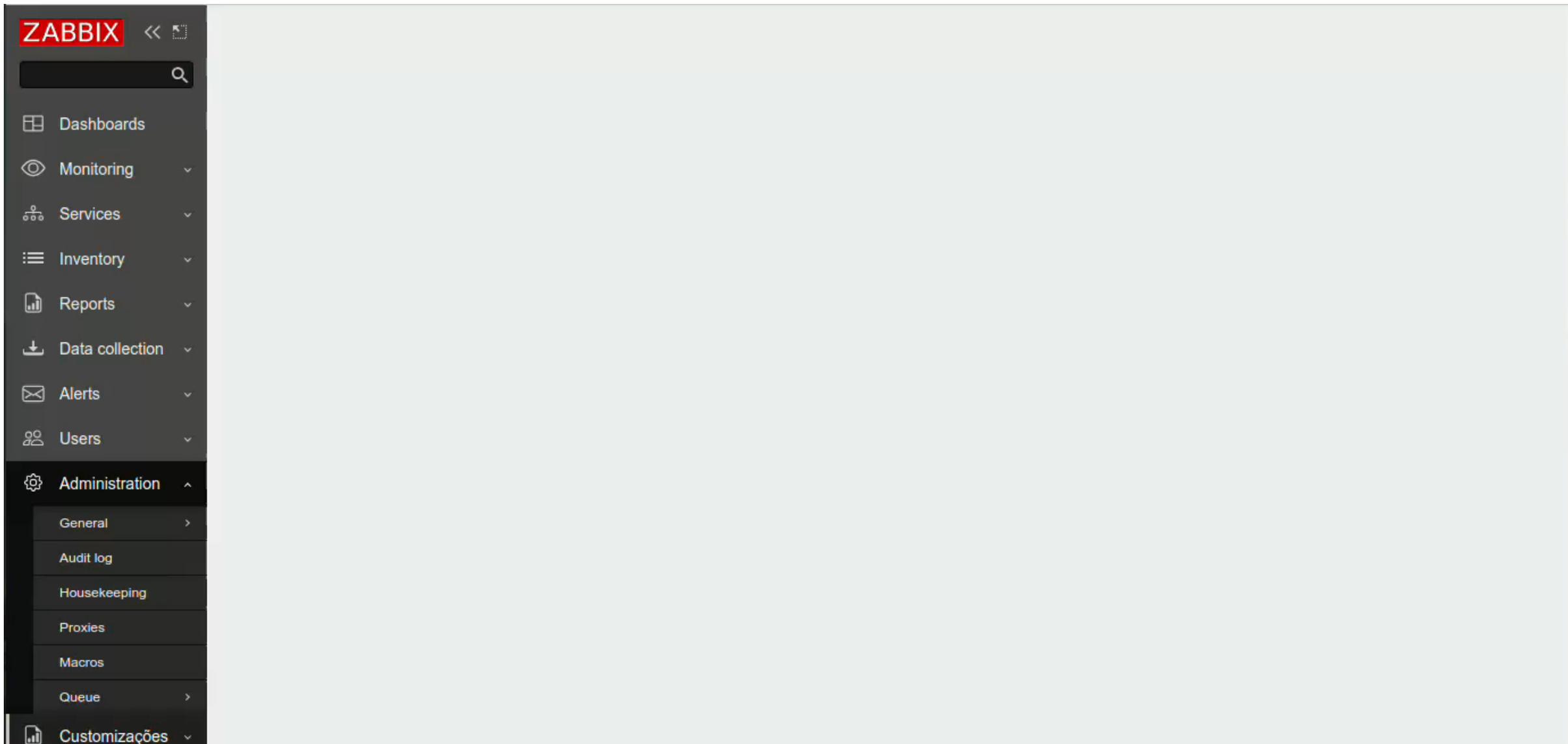
POSICIONAMENTO

Estar alinhado com as melhores soluções que a Zabbix nos entrega

REUSO

Facilmente reutilizável em novas versões

Modulo rodando na versão 6.4



Modulo rodando na versão 7.0

The screenshot displays the Zabbix web interface for the 'Modules' configuration page. The interface is in Portuguese. The left sidebar contains navigation options: Dashboards, Monitoring, Services, Inventory, Reports, Data collection, Alerts, Users, and Administration (with sub-items: General, Audit log, Housekeeping, Proxies, Macros, Queue, and Customizações). The main content area shows a table of installed modules with columns for Name, Version, Author, Description, and Status. All listed modules are in 'Enabled' status.

Name	Version	Author	Description	Status
Action log	1.0	Zabbix	Displays records about executed action operations (notifications, remote commands).	Enabled
Clock	1.0	Zabbix	Displays local, server, or specified host time.	Enabled
Customizações OPMOD	1.0	Leandro Dethloff	Customizações OPMOD	Enabled
Data overview	1.0	Zabbix	Displays the latest item data and current status of each item for selected hosts.	Enabled
Discovery status	1.0	Zabbix	Displays the status summary of the active network discovery rules.	Enabled
Favorite graphs	1.0	Zabbix	Displays shortcuts to the most needed graphs (marked as favorite).	Enabled
Favorite maps	1.0	Zabbix	Displays shortcuts to the most needed network maps (marked as favorite).	Enabled
Geomap	1.0	Zabbix	Displays hosts as markers on a geographical map.	Enabled
Graph	1.0	Zabbix	Displays data of up to 50 items as line, points, staircase, or bar charts.	Enabled
Graph (classic)	1.0	Zabbix	Displays a single custom graph or a simple graph.	Enabled
Graph prototype	1.0	Zabbix	Displays a grid of graphs created by low-level discovery from either a graph prototype or an item prototype.	Enabled
Host availability	1.0	Zabbix	Displays the host count by status (available/unavailable/unknown).	Enabled
Item value	1.0	Zabbix	Displays the value of a single item prominently.	Enabled

main 1 Branch 0 Tags Go to file Code

Idetbr Update README.md	6bc252f · 2 months ago	4 Commits
actions	Add files via upload	2 months ago
views	Add files via upload	2 months ago
.gitignore	Initial commit	2 months ago
Module.php	Add files via upload	2 months ago
README.md	Update README.md	2 months ago
manifest.json	Add files via upload	2 months ago

README

MASSZ

Módulo para Abrir Seus Sistemas no Zabbix | Module to Open Your Systems in Zabbix

Com eu posso utilizar o módulo no meu ambiente Zabbix ?

About

Módulo para Abrir Seus Sistemas no Zabbix | Module to Open Your Systems in Zabbix

- Readme
- Activity
- 0 stars
- 1 watching
- 0 forks

Report repository

Releases

No releases published

Packages

No packages published

Languages

- PHP 100.0%

MODULO OPENSOURCE PERSONALIZAVEL



Obrigado!

