



Thruk

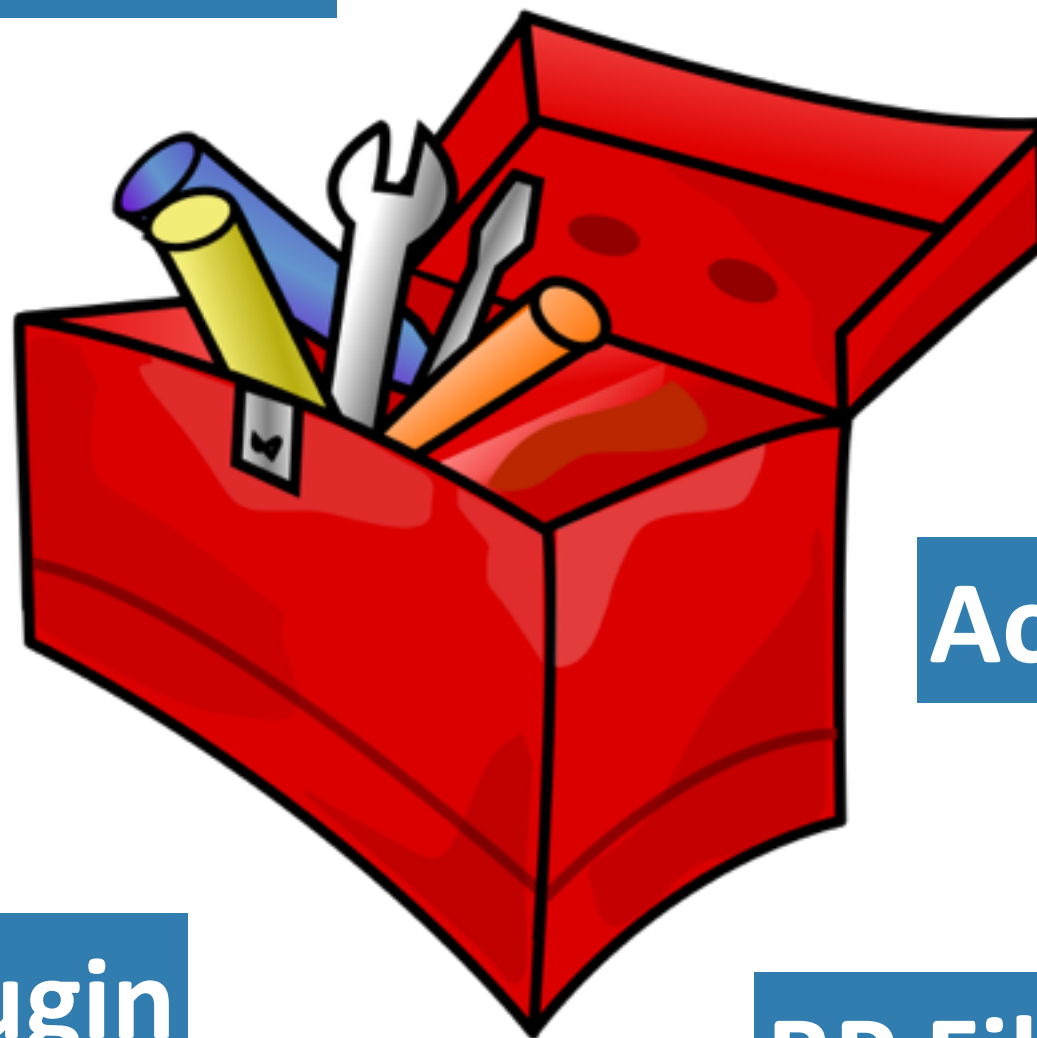
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Die Werkzeugkiste

Customised Views

Broadcasts



Action Menus

Top Plugin

BP Filter

DEMO



Customised Views

Spalted per Drag/Drop verschieben
Umbenennen per Doppelklick

Custom Variablen
aus 'show_custom_vars'

Abschließend als Default View
oder als Bookmark speichern

Host	Status	Last Check	Duration	Status Information	LOCATION
Core Company Apps	UP	00:13:02	0d 3h 56m 15s	OK - business process calculation of 4 nodes complete in 0.072s	
Tomcat	UP	00:13:02	0d 3h 53m 18s	OK - business process calculation of 7 nodes complete in 0.003s	
gearman	UP	00:13:25	0d 6h 50m 37s	PING OK - Packet loss = 0%, RTA = 0.05 ms	
influxdb	UP	00:13:30	0d 6h 50m 0s	PING OK - Packet loss = 0%, RTA = 0.13 ms	
omd	UP	00:13:31	0d 2h 35m 37s	PING OK - Packet loss = 0%, RTA = 0.03 ms	
oracle	UP	00:13:31	0d 6h 50m 18s	PING OK - Packet loss = 0%, RTA = 0.10 ms	
pnf	UP	00:13:25	0d 6h 49m 41s	PING OK - Packet loss = 0%, RTA = 0.08 ms	
router	UP	00:13:25	0d 5h 38m 42s	PING OK - Packet loss = 0%, RTA = 0.07 ms	munich
test host 1	UP	00:13:31	0d 2h 36m 47s+	PING OK - Packet loss = 0%, RTA = 0.06 ms	munich
test host 2	UP	00:13:36	0d 2h 36m 47s+	PING OK - Packet loss = 0%, RTA = 0.12 ms	munich
test host 3	UP	00:13:31	0d 2h 36m 47s+	PING OK - Packet loss = 0%, RTA = 0.06 ms	munich
test host 4	UP	00:13:25	0d 6h 24m 7s	PING OK - Packet loss = 0%, RTA = 0.07 ms	munich
test host 5					
tomcat					

Broadcasts

The screenshot shows the Thruk web interface. The left sidebar contains navigation links for General, Current Status, Reports, System, and Graphing. The main content area displays the 'Current Network Status' and a table of host status details. A 'User Settings' dropdown menu is open, showing options like Theme, Sounds, Favicons, Report, Change Password, Create Broadcast, and Page Refresh. A red arrow points to the 'Create Broadcast' option. A yellow text box with the text 'Neuen Broadcast über die User Einstellungen erstellen.' is overlaid on the image.

Current Network Status
Last Updated: Tue Sep 12 00:22:50 CEST 2017
Updated every 90 seconds
Thruk 2.16-2 - www.thruk.org - OMD 2.60-labs-edition
Logged in as omdadmin

Host Status Totals

Up	Down	Unreachable
14	0	0

All Problems
0

User Settings

- Theme: Thruk2 [change](#)
- Sounds: no sound files configured in cgi.cfg
- Favicons: counter is off
- Report: [Create E-Mail Report for this Page](#)
- Change Password: [Change User Password](#)
- Create Broadcast: [Create Broadcast](#)
- Page Refresh: [Refresh](#) 83 seconds [stop](#)

Host Status Details Table

Host	Status	Last Check	Duration	Details	LOCATION
Core Company Apps	UP	00:22:02	0d 4h 5m 22s	OK - business process calculation of 4 nodes complete in 0.122s	
Tomcat	UP	00:22:02	0d 4h 2m 25s	OK - business process calculation of 7 nodes complete in 0.012s	
gearman	UP	00:22:44	0d 6h 59m 44s	PING OK - Packet loss = 0%, RTA = 0.07 ms	
influxdb	UP	00:22:40	0d 6h 59m 7s	PING OK - Packet loss = 0%, RTA = 0.04 ms	
omd	UP	00:22:40	0d 2h 44m 44s	PING OK - Packet loss = 0%, RTA = 0.22 ms	
oracle	UP	00:22:40	0d 6h 59m 25s	PING OK - Packet loss = 0%, RTA = 0.14 ms	
php	UP	00:22:25	0d 6h 58m 48s	PING OK - Packet loss = 0%, RTA = 0.10 ms	
router	UP	00:22:25	0d 5h 47m 49s	PING OK - Packet loss = 0%, RTA = 0.08 ms	munich
test host 1	UP	00:22:40	0d 2h 45m 54s+	PING OK - Packet loss = 0%, RTA = 0.40 ms	munich
test host 2	UP	00:22:40	0d 2h 45m 54s+	PING OK - Packet loss = 0%, RTA = 0.12 ms	munich
test host 3	UP	00:22:39	0d 2h 45m 54s+	PING OK - Packet loss = 0%, RTA = 0.22 ms	munich
test host 4	UP	00:22:45	0d 6h 33m 14s	PING OK - Packet loss = 0%, RTA = 0.06 ms	munich
test host 5	UP	00:22:40	0d 6h 33m 15s	PING OK - Packet loss = 0%, RTA = 0.07 ms	munich
tomcat	UP	00:22:40	0d 0h 33m 49s	PING OK - Packet loss = 0%, RTA = 0.22 ms	

Broadcasts

The screenshot shows the Thruk web interface in a browser window. The address bar displays the URL: `https://192.168.99.99/demo/thruk/#cgi-bin/broadcast.cgi?action=edit&id=new`. The page title is "Thruk". A notification bar at the top right says "Mit Liveeditorpreview...." with a "dismiss" button. The left sidebar contains a navigation menu with sections: General, Current Status, Reports, System, and Graphing. The main content area is titled "Broadcast" and contains a "Create Broadcast" form. The form includes fields for "Hide Before", "Expire After", and "Annotation". The "Text" field is required and contains the text "Mit Liveeditorpreview....". There are also fields for "Contacts" and "Contactgroups", and a checkbox for "Login Page" with the label "Display on login page for unauthenticated users." A "Create Broadcast" button is at the bottom right of the form. A red asterisk indicates a required field.

Thruk

192.168.99.99/demo/thruk/#cgi-bin/broadcast.cgi?action=edit&id=new

Mit Liveeditorpreview.... dismiss

General

- Home
- Documentation
- Logout
- Panorama View
- Dokuwiki

Current Status

- Tactical Overview
- Map
- Hosts
- Services
- Host Groups
 - Summary (Grid)
- Service Groups
 - Summary (Grid)
 - Mine Map
- Problems
 - Services (Unhandled)
 - Hosts (Unhandled)
 - Network Outages

Reports

- Availability
- Trends
- Alerts
 - History (Summary)
- Notifications
- Event Log
- Business Process
- OMD Top
- Reporting

System

Graphing

Broadcast

Create Broadcast

Hide Before

Expire After

Annotation ☒ None ☐ ☐

Text*

Mit Liveeditorpreview....

Contacts

Contactgroups

Login Page ☐ Display on login page for unauthenticated users.

* - required

Create Broadcast

Business Process Filter

Thruk

Business Process

General

Home
Documentation
Logout
Panorama View
Dokuwiki

Current Status

Tactical Overview
Map
Hosts
Services
Host Groups
Summary (Grid)
Service Groups
Summary (Grid)
Mine Map
Problems
Services (Unhandled)
Hosts (Unhandled)
Network Outages

Reports

Availability
Trends
Alerts
History (Summary)
Notifications
Event Log
Business Process
OMD Top
Reporting

System

Graphing

Business Process

Last Updated: Tue Sep 12 00:29:52 CEST 2017
Updated every 90 seconds
Thruk 2.16-2 - www.thruk.org - OMD 2.60-labs-edition
Logged in as omdadmin

Core Company Apps
(Edit-Mode)

save changes

Information

Core Company Apps
OK
Login Output OK - Worst state is OK: Web, App and
Tomcat
Last Check 00:29:03
Duration 0d 0h 16m 50s
Function worst()

Actions

show status (including all referenced objects)
Show Trends
View Availability Report
View Notifications
Show Logfiles
Business Impact Analysis
Cancel Edit Mode

Edit Actions

Clone this Business Process
Delete this Business Process
Discard Changes
Save Changes

Filter

Add input/output filter for this node only or globally for all nodes.

Type	Details	Filter	Children	Link	General
					Off On Global
		Output: Add problem drill down information			☐ ☒ ☐
		Input: Set Acknowledged Problems to OK			☐ ☐ ☐
		Input: Set Downtime Problems to OK			☐ ☐ ☐
		Input: Set Unknown state to OK			☐ ☐ ☐

Save

Drill-Down zum Statustext hinzufügen

Top Plugin



Per 'thruk plugin enable omd' aktivieren.

Action Menus

The screenshot shows the Thruk web interface with a list of services and their status. A context menu is open for the 'tomcat' service, showing options like 'Tomcat Homepage', 'Start Tomcat', and 'Stop Tomcat'.

Service	Status	Time	Time	Time	Time	Time	Time
https-certificate	OK	00:26:38	0d 7h 9m 53s	1/3	OK - Certificate 'demo.local' will expire on Tue Sep 11 07:37:41 2018 +0000.		
load	OK	00:33:22	0d 0h 40m 44s	1/3	OK - load average: 0.87, 0.80, 0.77		
nntp	OK	00:26:37	0d 6h 56m 19s	1/3	NTP OK: Offset -7.510185242e-06 secs		
ssh	OK	00:33:22	0d 7h 9m 24s	1/3	SSH OK - OpenSSH_6.6.1 (protocol 2.0)		
swap	OK	00:33:23	0d 1h 27m 28s	1/3	SWAP OK - 94% free (1921 MB out of 2047 MB)		
users	OK	00:33:22	0d 7h 10m 15s	1/3	USERS OK - 1 users currently logged in		
zombie procs	CRITICAL	00:32:08	0d 0h 1m 28s	1/3	PROCS CRITICAL: 2 processes with STATE = Z		
oracle	OK	00:33:24	0d 7h 9m 50s	1/3	OK - 2 connected users		
database connection-time	OK	00:33:22	0d 0h 33m 59s	1/3	OK - 0.05 seconds to connect as SYSTEM		
database invalid-objects	OK	00:33:23	0d 7h 9m 36s	1/3	OK - no invalid objects found		
database process-usage	OK	00:33:25	0d 6h 56m 13s	1/3	OK - 29.00% of process resources used		
database session-usage	OK	00:33:23	0d 7h 10m 7s	1/3	OK - 17.44% of session resources used		
database tablespace-usage system	OK	00:33:24	0d 7h 9m 9s	1/3	OK - tbs SYSTEM usage is 58.79%		
database tablespace-usage temp	OK	00:33:28	0d 1h 28m 38s	1/3	OK - tbs TEMP usage is 0.00%		
http-8080	OK	00:33:23	0d 7h 9m 47s	1/3	HTTP OK: Status line output matched "HTTP" - 421 bytes in 0.010 ...		
prnp	OK	00:33:26	0d 7h 9m 34s	1/3	OK - load average: 0.87, 0.80, 0.77		
tomcat	OK	00:33:23	0d 0h 21m 58s	1/3	HTTP OK: Status line output matched "HTTP" - 128 bytes in 0.004 ...		
Tomcat Homepage	OK	00:33:23	0d 0h 21m 58s	1/3	PROCS OK: 1 process with STATE = Ssl, command name 'java', arg...		
Start Tomcat	OK	00:33:28	0d 0h 21m 53s	1/3	OK - Code Cache : 3.88% used (9.30 MB / 240 MB)		
Stop Tomcat	OK	00:33:30	0d 0h 21m 51s	1/3	OK - All 2 checks OK		
memory_gc_time	OK	00:33:26	0d 0h 21m 55s	1/3	OK - All 2 checks OK		
memory_heap	OK	00:33:29	0d 0h 21m 52s	1/3	OK - Heap-Memory: 7.44% used (30.58 MB / 411 MB)		
memory_pools	OK	00:33:28	0d 0h 21m 53s	1/3	OK - All 3 checks OK		
session_active	OK	00:33:28	0d 0h 21m 53s	1/3	OK - jolokia: Active Sessions = 0		
session_average_lifetime	OK	00:33:30	0d 0h 21m 51s	1/3	OK - jolokia: Average session lifetime = 0		
session_increase	OK	00:33:22	0d 0h 21m 59s	1/3	OK - 0.00 sessions/minute		
thread_count	OK	00:33:29	0d 0h 21m 52s	1/3	OK - Connector http-bio-8081 : 1.00% used (02 / 200)		
thread_inc	OK	00:33:31	0d 0h 21m 50s	1/3	OK - 0.00 Threads/minute		

select all (hosts) - unselect all - all problems - all with downtime

37 of 37 Matching Service Entries Displayed

Action Menus

- 1. Menü definieren: etc/thruk/action_menus/tomcat_menu.json

```
{"icon": "../themes/{{theme}}/images/dropdown.png",
"title": "tomcat menu",
"menu": [
  {"icon": "../themes/{{theme}}/images/status4.gif",
   "label": "Tomcat Homepage",
   "action": "http://tomcat.apache.org/",
   "target": "_blank"
  },
  {
    "icon": "../themes/{{theme}}/images/control_play_blue.png",
    "label": "Start Tomcat",
    "close_timeout": 120,
    "action": "server://tomcat_start/"
  },
  {
    "icon": "../themes/{{theme}}/images/stop.png",
    "label": "Stop Tomcat",
    "close_timeout": 120,
    "action": "server://tomcat_stop/"
  }
]
}
```

Action Menus

- 2. Action definieren: etc/thruk/thruk_local.d/tomcat.conf

```
<action_menu_actions>  
  tomcat_start = ./local/bin/start_tomcat.sh  
  tomcat_stop   = ./local/bin/stop_tomcat.sh  
</action_menu_actions>
```

Action Menus

- 3. Menü verwenden: etc/thruk/thruk_local.d/tomcat.conf

```
<action_menu_apply>  
tomcat_menu = ^tomcat;$  
</action_menu_apply>
```

Action Menus

- 4. Skripte erstellen:

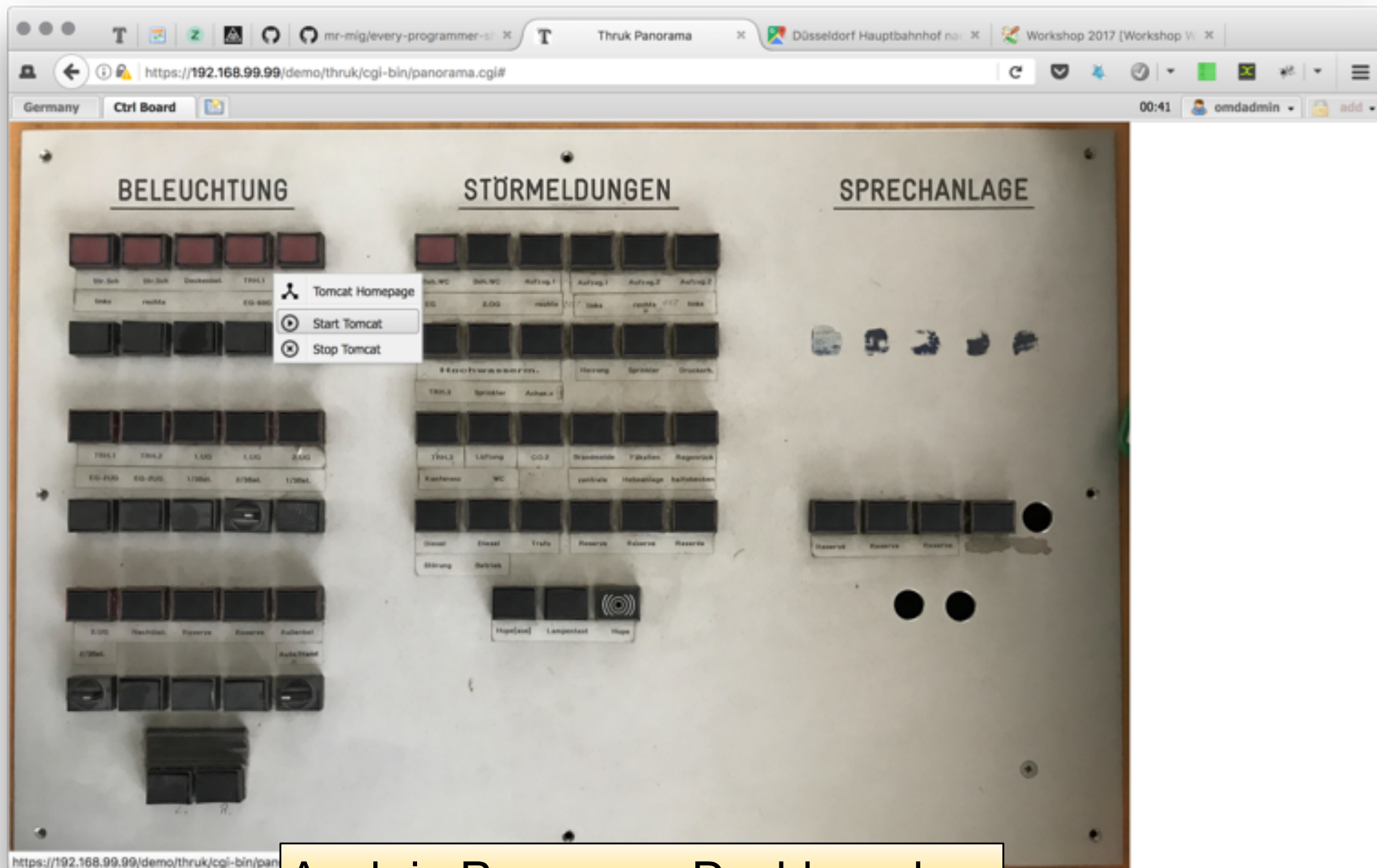
```
#!/bin/bash
echo "$REMOTE_USER initated start"
echo "<pre style='font-size:9px; line-height: 9px; text-align: left; color: black; '>"
sudo /bin/systemctl start tomcat.service
sudo /bin/systemctl status tomcat.service
echo "</pre>"
```

- Skripte absichern:

- REMOTE_USER
- REMOTE_USER_GROUPS

- https://github.com/sni/Thruk/blob/master/examples/action_wrapper

Action Menus



Auch in Panorama Dashboards...

Danke

- Customised Views
 - <https://thruk.org/documentation/dynamic-views.html>
- Broadcast Announcements
 - <https://thruk.org/documentation/broadcasts.html>
- Action Menus:
 - <https://thruk.org/documentation/action-menu.html>
- Top Plugin
 - <https://github.com/sni/thruk-plugin-omd>