Report Builder in LMS 4.0

Paul Holden
Senior Developer, Moodle HQ

David Matamoros
Senior Developer, Moodle HQ

Mikel Martin
Developer, Moodle HQ
Introduction

- Report Builder was initially developed for **Moodle Workplace**

- **Report Builder** consists of **System Reports** and **Custom Reports**

- Migration to **Moodle 4.0** started November 2020
This presentation

This is an abridged version of that given at Italian Moot

https://docs.google.com/presentation/d/1oCEckEvNe2gfIgnoXD8JouGkBcPIfpfj35BJHTM1Pwl/edit?usp=sharing

https://youtu.be/-bZxBDRKtIU?t=5158
### System report

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>User</th>
<th>Start time</th>
<th>Duration</th>
<th>Host name</th>
</tr>
</thead>
<tbody>
<tr>
<td>cron/taskbuild_installed_themes_task</td>
<td>Ad hoc</td>
<td></td>
<td>14/12/21, 08:36:37</td>
<td>15.76 secs</td>
<td>6124948e7591</td>
</tr>
<tr>
<td>Background processing for scheduled allocation</td>
<td>Scheduled</td>
<td></td>
<td>14/12/21, 08:36:37</td>
<td>0 secs</td>
<td>6124948e7591</td>
</tr>
<tr>
<td>Cleanup event monitor events</td>
<td>Scheduled</td>
<td></td>
<td>14/12/21, 08:36:37</td>
<td>0 secs</td>
<td>6124948e7591</td>
</tr>
<tr>
<td>Incoming email pickup</td>
<td>Scheduled</td>
<td></td>
<td>14/12/21, 08:36:37</td>
<td>0 secs</td>
<td>6124948e7591</td>
</tr>
<tr>
<td>Legacy crontab workplace allocation</td>
<td>Scheduled</td>
<td></td>
<td>14/12/21, 08:36:37</td>
<td>0 secs</td>
<td>6124948e7591</td>
</tr>
<tr>
<td>Background processing for workshop module</td>
<td>Scheduled</td>
<td></td>
<td>14/12/21, 08:36:37</td>
<td>0 secs</td>
<td>6124948e7591</td>
</tr>
<tr>
<td>Background processing for SCORM</td>
<td>Scheduled</td>
<td></td>
<td>14/12/21, 08:36:37</td>
<td>0.01 secs</td>
<td>6124948e7591</td>
</tr>
<tr>
<td>Legacy crontab quiz access rules</td>
<td>Scheduled</td>
<td></td>
<td>14/12/21, 08:36:37</td>
<td>0 secs</td>
<td>6124948e7591</td>
</tr>
<tr>
<td>Legacy crontab quiz reports</td>
<td>Scheduled</td>
<td></td>
<td>14/12/21, 08:36:37</td>
<td>0 secs</td>
<td>6124948e7591</td>
</tr>
</tbody>
</table>

0 reads 0 writes
## System report

<table>
<thead>
<tr>
<th>Date and Time</th>
<th>User</th>
<th>Component</th>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuesday, 14 December 2021, 8:35 AM</td>
<td>Admin User</td>
<td>tool_mobile</td>
<td>minimumversion</td>
<td></td>
</tr>
<tr>
<td>Tuesday, 14 December 2021, 8:35 AM</td>
<td>Admin User</td>
<td>core</td>
<td>mobilecasurl</td>
<td></td>
</tr>
<tr>
<td>Tuesday, 14 December 2021, 8:35 AM</td>
<td>Admin User</td>
<td>tool_mobile</td>
<td>enablesmartappbanners</td>
<td>0</td>
</tr>
<tr>
<td>Tuesday, 14 December 2021, 8:35 AM</td>
<td>Admin User</td>
<td>tool_mobile</td>
<td>iosappid</td>
<td>6333392503</td>
</tr>
<tr>
<td>Tuesday, 14 December 2021, 8:35 AM</td>
<td>Admin User</td>
<td>tool_mobile</td>
<td>androidappid</td>
<td>com.moodle.moodlemobile</td>
</tr>
<tr>
<td>Tuesday, 14 December 2021, 8:35 AM</td>
<td>Admin User</td>
<td>tool_mobile</td>
<td>setuplink</td>
<td><a href="https://download.moodle.org/mobile">https://download.moodle.org/mobile</a></td>
</tr>
<tr>
<td>Tuesday, 14 December 2021, 8:35 AM</td>
<td>Admin User</td>
<td>tool_mobile</td>
<td>forcelogout</td>
<td>0</td>
</tr>
</tbody>
</table>
# Custom reports

<table>
<thead>
<tr>
<th>City/town</th>
<th>Full name</th>
<th>Email address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birmingham</td>
<td>Carlos Jones</td>
<td><a href="mailto:user092@example.com">user092@example.com</a></td>
</tr>
<tr>
<td>Birmingham</td>
<td>David Smith</td>
<td><a href="mailto:user091@example.com">user091@example.com</a></td>
</tr>
<tr>
<td>Birmingham</td>
<td>Dwight Thomas</td>
<td><a href="mailto:user087@example.com">user087@example.com</a></td>
</tr>
<tr>
<td>Birmingham</td>
<td>Meredith Jones</td>
<td><a href="mailto:user086@example.com">user086@example.com</a></td>
</tr>
<tr>
<td>Birmingham</td>
<td>Nikel Palmer</td>
<td><a href="mailto:user084@example.com">user084@example.com</a></td>
</tr>
<tr>
<td>Birmingham</td>
<td>Paul Thomas</td>
<td><a href="mailto:user083@example.com">user083@example.com</a></td>
</tr>
<tr>
<td>Birmingham</td>
<td>Stanley Smith</td>
<td><a href="mailto:user085@example.com">user085@example.com</a></td>
</tr>
<tr>
<td>Birmingham</td>
<td>Theodore Palmer</td>
<td><a href="mailto:user080@example.com">user080@example.com</a></td>
</tr>
<tr>
<td>Cardiff</td>
<td>Alvin Thomas</td>
<td><a href="mailto:user097@example.com">user097@example.com</a></td>
</tr>
</tbody>
</table>
Custom reports

**Birmingham**
- Carlos Jones, DS
- David Smith, DT
- Dwight Thomas, MJ
- Meredith Jones, MP
- Mikael Palmer, PT
- Paul Thomas, PP
- Stanley Smith, TP
- Theodore Palmer

**Cardiff**
- Alvin Jones, CS
- Alvin Thomas, CT
- Carlos Thomas, DJ
- David Jones, DP
- Dwight Palmer, JJ
- Jim Jones, JS
- Jim Smith, MT
- Meredith Thomas, MS
- Mikel Smith, PP
- Paul Palmer, SP
- Simon Palmer, ST
- Simon Thomas, SJ
- Stanley

**London**
- Alvin Smith, CS
- Carlos Smith, DP
- David Palmer, DJ
- Dwight Jones, JP
- Jim Palmer, JT
- Jim Thomas, JS
- Meredith Smith, MT
- Mikel Thomas, PJ
- Paul Jones, SJ
- Simon Jones, SP
- Simon Palmer, ST
- Stanley Palmer, TT
- Theodore Thomas
Custom reports

Editor | Audience | Schedules | Access

Search

- Sites
- All Users
- Assigned system role
- Manually added users
- Member of cohort

Member of cohort

My cohort

Human Resources

Add users manually

- Carlos Jones
- Carlos Palmer

Search

Save changes | Cancel

There are required fields in this form marked .
Custom reports

First name / Surname

PJ  Paul Jones

Clarke Jones

Full name
Contains  Jones

Apply  Reset all
Resources

https://tracker.moodle.org/browse/MDL-70343

https://docs.moodle.org/dev/Report_builder_API

https://docs.moodle.org/311/en/Report_builder
Empowering educators to improve our world