

Chrome Tracking Extension

The extension tracks user behaviour in chrome, it collects information about:

- The websites they visit
- The amount of time they spend on them
- When and how often they access websites
- The amount of times they switch focus to that website.

This information is posted to a database table, with their user id. I set an additional cookie when a user logs into the wordpress site – the chrome extension detects this cookie to get this user id.

id	user_id	start	end	switches	active_time	url
30	1	2014-05-30 10:06:35	2014-05-30 10:06:42	3	7553	www.facebook.com
31	1	2014-05-30 10:07:18	2014-05-30 10:07:29	0	11259	www.facebook.com
32	1	2014-05-30 10:12:05	2014-05-30 10:13:01	0	56288	www.signphone.co.uk
33	1	2014-05-30 10:07:29	2014-05-30 10:17:17	3	173480	pod51048.outlook.com
34	1	2014-05-30 10:17:17	2014-05-30 10:17:22	0	4416	www.google.co.uk
35	1	2014-05-30 10:17:22	2014-05-30 10:18:27	0	65884	uk.linkedin.com
36	1	2014-05-30 10:18:27	2014-05-30 10:20:26	0	118371	www.linkedin.com
37	1	2014-05-30 10:21:27	2014-05-30 10:21:36	0	9142	www.google.co.uk
38	1	2014-05-30 10:22:32	2014-05-30 10:22:36	0	4858	www.google.co.uk
39	1	2014-05-30 10:22:36	2014-05-30 10:23:27	2	20335	wiki.answers.com

The extension reads this session data from the database to visualise the data. I have decided to group the sessions by URL when displaying them, for neatness. The user can filter data for today, yesterday and last 7 days.

The user can pause logging at any time, and is auto-disabled in incognito mode.