

Frame_Content Viewer for Windows.

It is a simple program that gives you the opportunity to view frame_content content from databases with CREDO detections, in other words, browse user detection.

It is not based directly on JSON files (so-called packages) but on *.SQLITE files.

Therefore, you should prepare such a file yourself. To do this we must:

- have Python 3 installed (<https://www.python.org/downloads/windows/>)
- install SQLITEBITER for Python (<https://pypi.org/project/sqlitebiter/0.10.2/>)

Run CMD or right-click in START on the Windows bar and select PowerShell, then paste **pip install sqlitebiter == 0.10.2** and enter.

- we convert the JSON package to SQLITE:

- In CMD or PowerShell go to the folder with JSON packages
e.g. **CD F:\Python37-32\ a \ credo-data-export**

- and we convert the package that interests us with the command

SQLITEBITER file export_1580036916592_1580247187933.json

In this way we get the file OUT.SQLITE which can be viewed in this Frame_Content Viewer.

CREDO SQL Viewer

device_id	frame_content	time	user_id	x	y	width	height
14635	(MEMO)	2020-01-21 22:35:2	21194	941	779	1920	1080
14642	(MEMO)	2020-01-21 03:20:4	21414	1122	500	1920	1080
14642	(MEMO)	2020-01-21 04:17:2	21414	126	641	1920	1080
14646	(MEMO)	2020-01-21 09:24:5	21418	990	73	1280	960
14647	(MEMO)	2020-01-21 16:42:5	21419	52	119	176	144
14648	(MEMO)	2020-01-21 21:18:2	21421	0	59	1920	1080
14648	(MEMO)	2020-01-21 21:24:0	21421	1772	994	1920	1080
14648	(MEMO)	2020-01-21 21:26:2	21421	68	1072	1920	1080
14648	(MEMO)	2020-01-21 22:42:3	21421	1290	839	1920	1080
14649	(MEMO)	2020-01-21 22:31:5	21422	909	1026	1920	1080
14650	(MEMO)	2020-01-21 20:25:2	11263	89	0	1920	1088
14650	(MEMO)	2020-01-21 20:25:4	11263	158	438	1920	1088
14650	(MEMO)	2020-01-21 20:25:4	11263	80	456	1920	1088
14650	(MEMO)	2020-01-21 20:25:4	11263	80	452	1920	1088
14650	(MEMO)	2020-01-21 20:25:4	11263	104	415	1920	1088


Brightest point 358
GOOD

iVBORw0KGgoAAAANSUUEUgAAADwAAAA8CAYAAAG/NlyAAAA8HNC SVQICAgIfAhkiAAABOSjREFUaIHtW5 1u4zYQ/mbo2EIJREDbeFbjnmGPMR i05faJ8k7ddE97e4II7SnoM2vEinTg0Up rJdImDI rDnAVf2S8r/DnIdAzhGtTYr

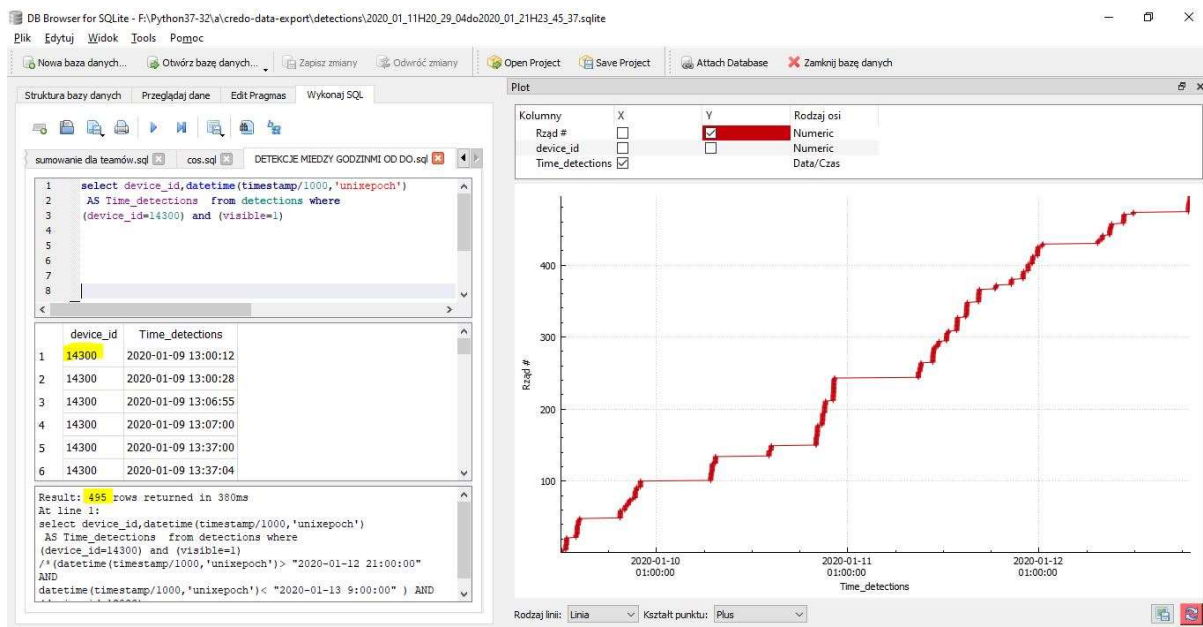
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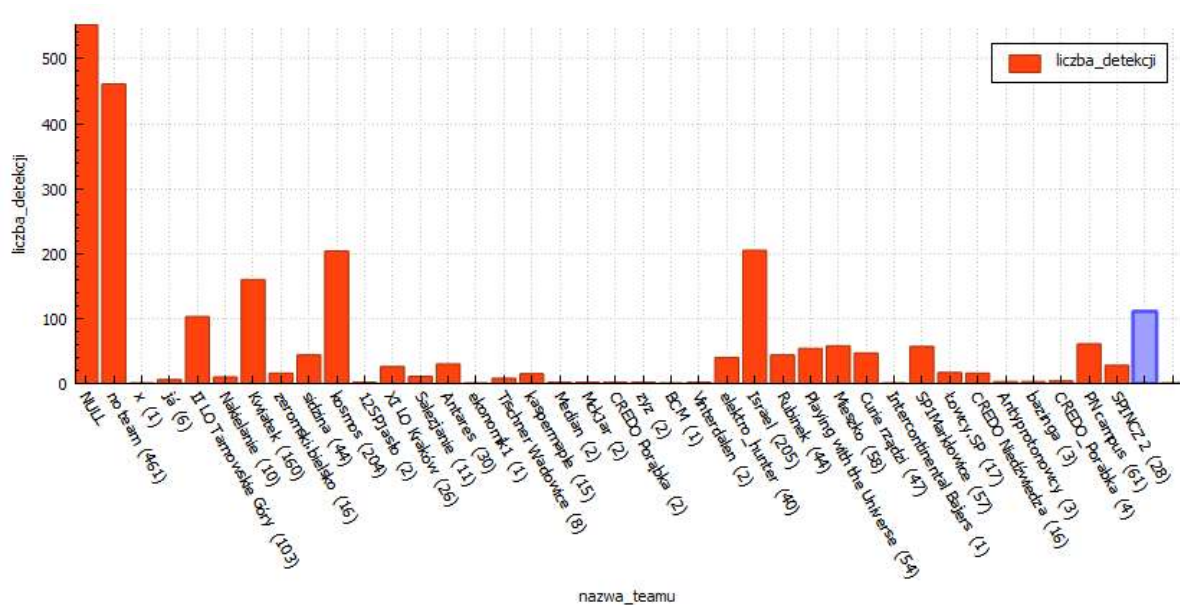
SELECT device_id, frame_content, datetime(timestamp/1000, 'unixepoch') as time, user_id, x, y, width, height FROM detections where (visible=1) order by device_id

Run Script



The program has a simple SQL editor. However, for writing and testing scripts, I recommend the DBBrowser SQLITE program. It does not have the ability to preview the detection content but allows you to analyze and perform many interesting measurements and graphs <https://sqlitebrowser.org/dl/>





A little note. The SQLITE database prepared in the above manner is not filtered. So all good and bad detections are there. It can, and even should, be subjected to Sławomir Stuglik's artifact filter before someone wants to analyze the data.