
Article

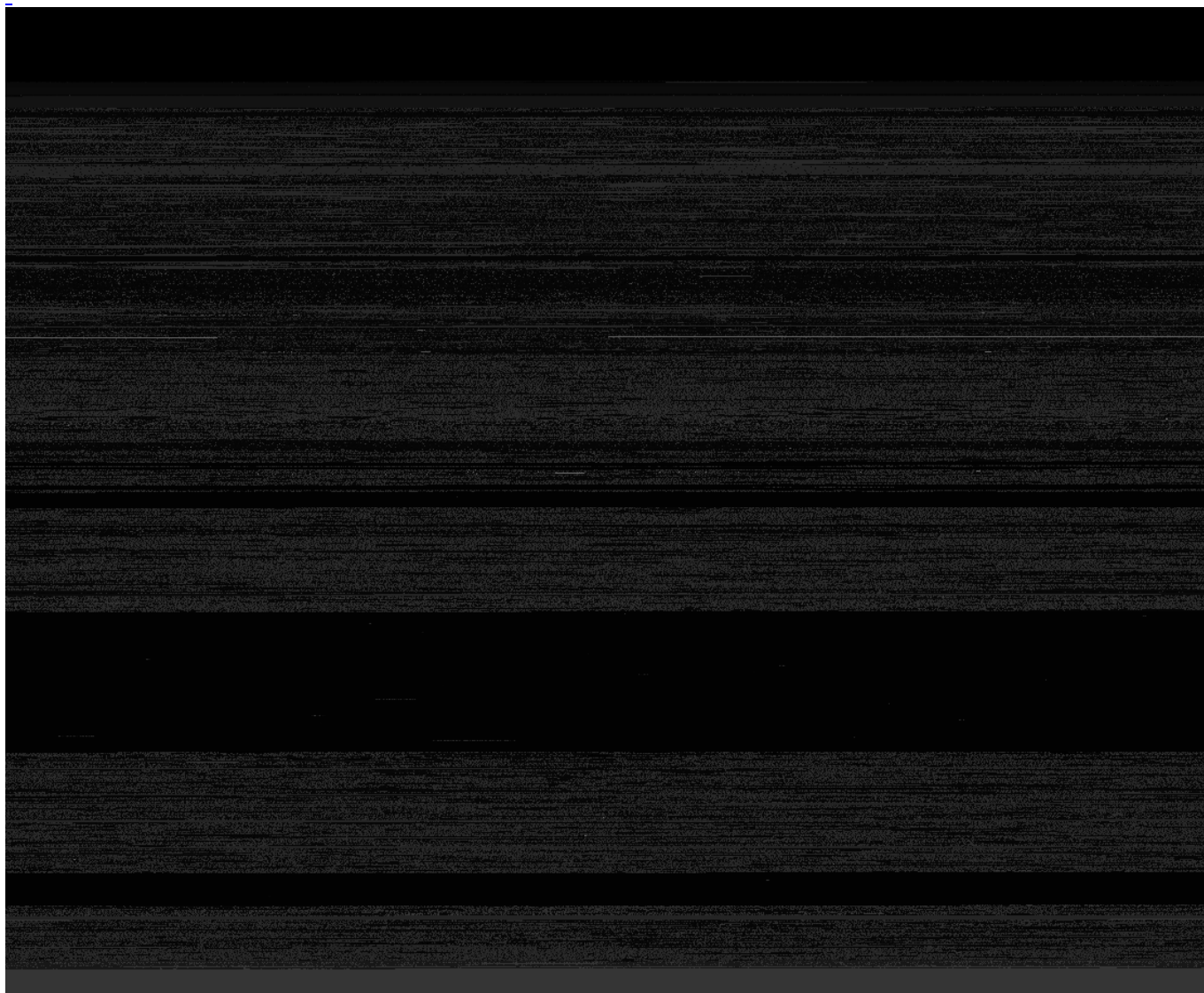
[Dmitry Maslennikov](#) · Mar 24, 2020 2m read

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BlocksExplorer map generator

I hope you already know one of my projects [Cache Blocks Explorer](#). I've recently renamed it to [Blocks Explorer](#).

For the recent [contest](#), I've added a new feature, the ability to generate a static picture of any Cache or IRIS database. Like below. Where unique globals have a unique color. This is how looks like inside 9.5GB database. Where 1 pixel represents one block. By link on image you will get even bigger image, with more detalization.



The easiest way to generate a picture like this is to use docker.

```
docker run -it --rm \
  -v /opt/some/database/for/test:/db \
  -v `pwd`/out:/out \
  daimor/blocksexplorer:iris generate 1 0 0
```

For Caché Database use daimor/blocksexplorer:cache instead of daimor/blocksexplorer:iris

Instead of /opt/some/database/for/test you should pass the path to your database.

generate is a command and it's arguments

1. Cell size - used to set size for cell which represents database's block. By default 1
2. Cell space - space between cells. By default 0
3. Fill - flag to display how much block fill, make sense to set if size of the cell is 10 or more. By default 0

Arguments can be omitted. If no command passed, it will start the server as is, with original UI.

If you like this project, please [vote here](#).

Please be aware, at the moment it uses BMP format to generate a picture, so, for too big databases this picture will be very very big. With default settings 1 pixel per block, it will generate a picture with size at least $3 \times \text{numberOfBlocks}$ bytes.

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Source URL: <https://community.intersystems.com/post/blocksexplorer-map-generator>