

Designing custom visualisation with GraphVisual

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1 Algorithm's metadata

In order to write algorithms, user needs to specify metadata that describes the algorithm. It is important to make the metadata clear, because it affects the process of algorithm's visualisation. All of the meta data described in the following subsections should be added using script in /instructions folder, however there is no issue with adding metadata manually, if it's made correctly.

1.1 GUI app for making metadata simpler

1.2 Steps

The file that represents steps displayed on page is step algorithms.

1.3 Description

1.4 Code

1.5 Algorithms aggregation

2 Visualisations

2.1 Graph models

2.2 Step type

2.3 Writing visualisations

3 Further work

3.1 Simplifying api

3.2 Extending set of graph models

3.3 Extending set of visualisation operations