

For a moment, suppose that Wiki has exactly 6 pages named A, B, C, D, E, F, G with following links among themselves.

Page A has links to B, C, and D.

Page B has a link to D.

Page C has links to B, D, and E

Page D has links to B, E and F.

Then `w = new WikiCrawler("/wiki/A", 4, "graph.txt");` constructs the graph as follows:

Consider the first 4 vertices in the BFS order. Determine the graph over these 4 vertices and write that graph to `graph.txt`.

The first 4 vertices in the BFS order are: A, B, C, D. Thus the contents of the file `graph.txt` should be the following:

4

`/wiki/A /wiki/B`

`/wiki/A /wiki/C`

`/wiki/A /wiki/D`

`/wiki/B /wiki/D`

`/wiki/C /wiki/B`

`/wiki/C /wiki/D`

`/wiki/D /wiki/B`

Note that D has links to E and F. However, these edges should NOT be reported in `graph.txt`