

Twitter Thread by [Pratham](#) ■■■■



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These 5 visualizers will help you learn data structures and algorithms up to 10 times faster

Thread ■■■■

1 ■ <https://t.co/H2sKWKEeaz>

- Learn DSA and visualize some complex programs. Definitely check it out.

Radix Sort

Randomize List Radix Sort

995	942	195	399	711	191	470	232	378	552	741	471	823	313	95	950	372	507	201	755	404	14	344	140	797	241	311	595	187	415
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29

0	1	2	3	4	5	6	7	8	9

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	

Animation Completed

Skip Back Step Back Pause Step Forward Skip Forward

Animation Speed

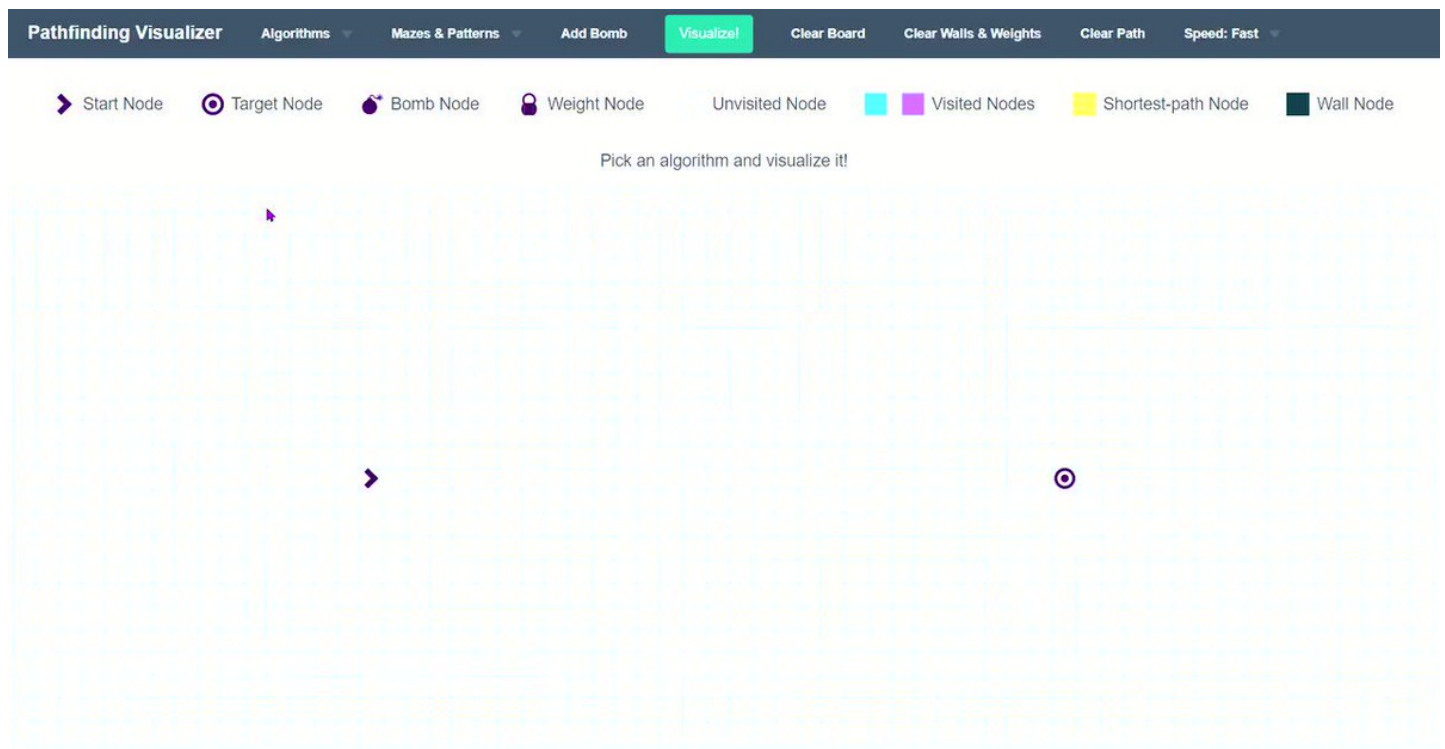
w: 1000 h: 500

Change Canvas Size Move Controls

Algorithm Visualisations

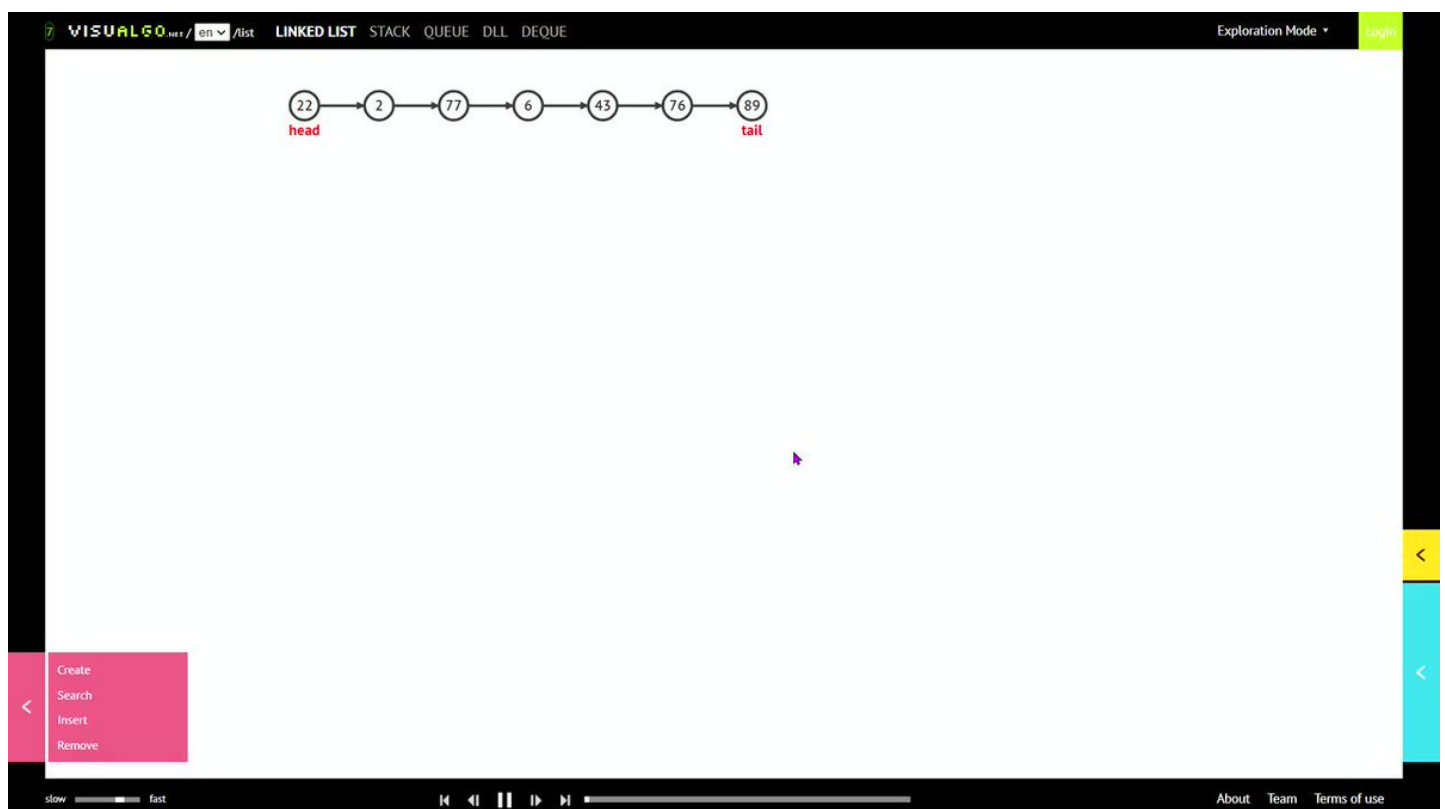
2 ■■ <https://t.co/0WcFTWBfh9>

- Dedicated to graph DS



3 ■■ <https://t.co/ShEQQkjWD>

- Visualizing data structures and algorithms through animation



4 ■■ <https://t.co/XxzwBa3vvZ>

- All sorting algorithms animations

How to use: Press "Play all", or choose the ▶ button for the individual row/column to animate.

TRY ME!

▶ Play All

▶ Insertion

▶ Selection

▶ Bubble

▶ Shell

▶ Merge

▶ Heap

▶ Quick

▶ Quick3

▶ Random

▶ Nearly Sorted

▶ Reversed

▶ Few Unique

ALGORITHM:

Insertion Selection Bubble Shell Merge Heap Quick Quick3

INITIAL CONDITION:

Random Nearly Sorted Reversed Few Unique

PROBLEM SIZE:


20 30 40 50

KEY

- Black values are sorted.
- Gray values are unsorted.
- A red triangle marks the algorithm position.
- Dark gray values denote the current interval (shell, merge, quick).
- A pair of red triangles marks the left and right pointers (quick).

5■■■ <https://t.co/TKkxPKj0Hk>

– collection of computer science algorithm animations and visualizations



Algorithm Animations and Visualizations
 algoanim.ide.sk – collection of computer science algorithm animations and visualizations

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Merging two sorted lists

Visualisation of merging two sorted lists.

current1

list1 18 19 31 38 77 83 86 98

current2

list2 19 24 46 70 72 80 81 88

current3

temp

Step Reset

Average rating: –

Please REGISTER or LOG IN, it's totally free! Registered users can rate animations, add them among their favorites, and mark them as not working.
 Source: <http://liveexample.pearsoncmg.com/animation/web/MergeList.html>

Category: Fundamentals 2 Technology: JavaScript animation Interactivity: Low

Please REGISTER or LOG IN, it's totally free! Only registered users can write reviews!