**Introduction of rucgraph**

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# Folder: build\_in\_progress

This folder contains informal codes.

# Folder: data\_structures

This folder contains some special data structures.

## PairingHeapYS.h

This file contains a pairing heap.

## PairingHeapYS\_with\_offset.h

This file contains an augmented pairing heap. In this heap, there is an offset value for every inside node. Using these values, we can change the key values of all inside nodes in O(1) time!