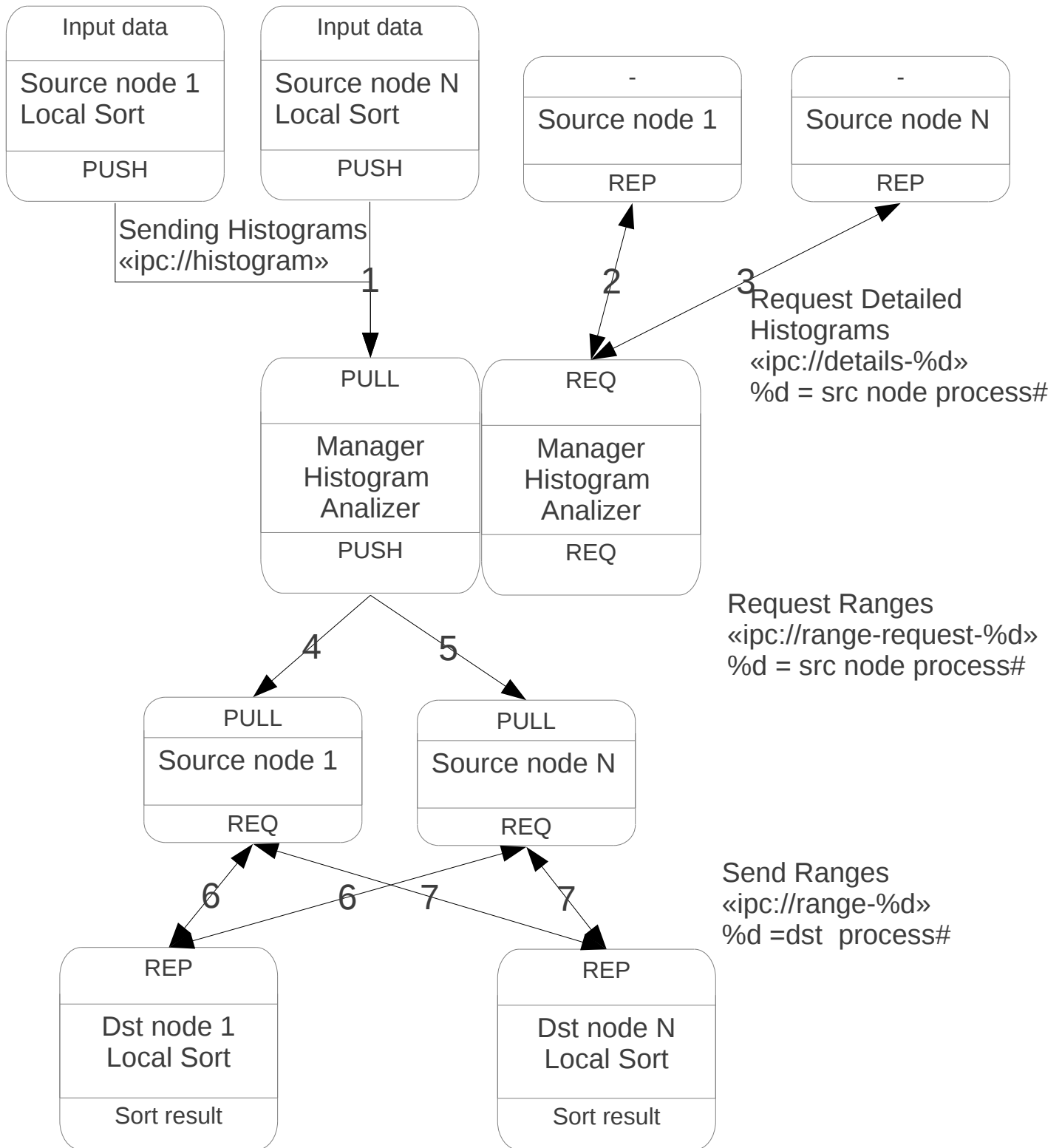


Distributed Sort data flow based on zeromq



1. Every source sends one histogram to single manager; histogram is consist from 1000items, every item describes own part of source array sized by 1000; item={value, fist_index, last_index};
 - 2,3. By request from Manager node Source node replied with detailed histogram with 5000 items, where one item describes single element first_index=last_index;
 - 4,5. Manager send request to every source node; Request data is array of len N-source nodes count; range={dst_node_id, first_index, last_index};
 - 6,7. Source node sends to every of N Destination nodes his range of data; Every destination nodes receives range from every N sources;
- Result: Every destination node should receive own part of data;