

DBLP results (Total time ~ 120 seconds)	
Item	Time/Value
Reading input	18 seconds
Pass I	
Phase # 1 total time	69 seconds
Modularity of Network	0.6284
Clusters formed	56,913
Still Scope For Improvement? (after 3 iters)	Yes
Phase # 2 total time	25 seconds
Pass II	
Phase # 1 total time	1 second
Modularity of Network	0.820
Clusters formed	8400
Still Scope For Improvement? (after 3 iters)	No
Pass III	
No improvement. So Pass II was final	
YouTube Results (Total Time ~ 220 minutes)	
Reading input	152 seconds
Pass I	
Phase # 1 total time	9061 seconds = 160 minutes
Modularity of Network	0.597
Clusters formed	163,897
Still Scope For Improvement? (after 3 iters)	Yes
Phase # 2 total time	3600 seconds** (see below)
Pass II	
Phase # 1 total time	50 seconds
Modularity of Network	0.836347
Clusters formed	34,593
Still Scope For Improvement? (after 3 iters)	No
Pass III	
No improvement. So Pass II was final	

** This was due to usage of STL list::merge which was costly. This is now rectified using list::splice which is constant time operation. So expecting lot of improvement after this for Phase II.