

CPT java implementation Evalutation - Random Queries

1000 iteration / 1000 queries BIBLE	Garbage Collection time in sec for 1000 queries	Overall run time in ms for 1000 iterations	Overall run time in ms for 1000 queries	Overall time 1000 queries without Garbage collection in sec	Time per query averagely in ms			
	0.072	2624358	2624	2.118	2.118			
	0.069							
	0.14							
	0.117							
	0.068							
	0.019							
	0.004							
	0.002							
	0.003							
	0.002							
	0.002							
	0.003							
	0.002							
	0.003							
Overall	0.506							
1000 iteration / 1000 queries BMS1								
	0.050	414537	414	0.279	0.279			
	0.063							
	0.021		1 iteration					
	0.001		674					
Overall	0.135							
100 iteration / 1000 queries FIFA								
	0.0681693	69725751E+07	204697	203.9196139	203.9196139			
	0.0940908		1 iteration					
	0.2120942		27761					
	0.0473723		10 iterations					
	0.0206134		29718					
	0.0024321							
	0.0022553							
	0.0028968							
	0.0032966							
	0.003264							
	0.002025							
	0.0018851							
	0.0025812							
	0.0019744							
	0.0022092							
	0.0019487							
	0.0031168							
	0.0025953							
	0.0030044							
	0.0024488							
	0.0028714							
	0.002691							
	0.0033584							
	0.0027023							
	0.0030118							
	0.0026904							
	0.0027723							
	0.0033009							
	0.0033063							
	0.0028028							
	0.0026543							
	0.0020025							
	0.001932							
	0.0025403							
	0.0026609							
	0.0032463							
	0.0031947							
	0.0023883							
	0.0034627							
	0.002009							
	0.0023656							
	0.0025624							
	0.0032952							
	0.0032004							
	0.0028417							
	0.0024214							
	0.0029146							
	0.003168							
	0.0019414							
	0.0019016							
	0.0028869							
	0.0024344							
	0.0026415							
	0.0019703							
	0.0028287							
	0.0029354							
	0.0029229							
	0.0032024							
	0.0030681							
	0.0018835							
	0.0034401							
	0.002528							
	0.0027975							
	0.0024872							
	0.0030977							
	0.0025755							
	0.0023191							
	0.0024387							
	0.0029136							
	0.0030676							
	0.0023658							
	0.0019671							
	0.0033642							
	0.0029625							
	0.0022072							
	0.0024002							
	0.0028664							
	0.0026031							
	0.0021761							
	0.0033578							
	0.003113							
	0.0018028							
	0.0027051							
	0.0025416							
	0.0027068							
	0.0026375							
	0.0027936							
	0.002634							
	0.0027851							
	0.0028014							
	0.002595							
	0.0019221							
	0.0020643							
	0.0023992							
	0.0023053							
	0.0025039							
	0.0025584							
	0.0024268							
	0.0032335							
	0.003142							
	0.0026087							
	0.0027447							
	0.002024							
	0.0031261							
	0.0022438							
	0.0024766							
	0.0028822							
	0.002654							
	0.0022021							
	0.0024146							
	0.0034983							
	0.002928							
	0.0026068							
	0.0026556							
	0.0034489							
	0.0025496							
	0.0028745							
	0.0023611							
	0.0018771							
	0.0025134							
	0.0026903							
	0.0024985							
	0.0022744							
	0.0034148							
	0.0020704							
	0.0030924							
	0.0026091							
	0.0025516							
	0.002888							
	0.0025666							
	0.0031744							
Overall	0.7773861							
1000 iteration / 1000 queries Kosarak								
	0.073249	2982863	2982	2.3792193	2.3792193			
	0.062575							
	0.0881686		1 iteration					
	0.0932488		3083					
	0.0804802							
	0.0728127							
	0.0658726							
	0.0171917							
	0.0105754							
	0.0044105							
	0.0046943							
	0.0043472							
	0.0054687							
	0.0041537							
	0.0079064							
	0.004343							
	0.0032829							
Overall	0.6027807							
1000 iteration / 1000 queries LEVIATHAN								
	0.1953	878246	878.2	0.6447283	0.6447283			
	0.03373							
	0.001617							
	0.0028247							
Overall	0.2334717							
10 iteration / 1000 queries MSNBC								
	0.0269857	217820	21782	21.2157735	21.2157735			
	0.1549117		1 iteration					
	0.0242029		22117					
	0.0026087							
	0.003865							
	0.0030189							
	0.0026965							
	0.0018253							
	0.0031438							
	0.0015528							
	0.0018698							
	0.0034972							
	0.0027577							
	0.0022575							
	0.0023318							
	0.0016391							
	0.0021142							
	0.0031458							
	0.0018251							
	0.0042267							
	0.0030232							
	0.0020237							
	0.0025133							
	0.0045057							
	0.0020173							
	0.0018996							
	0.0034896							
	0.0021675							
	0.004861							
	0.0020429							
	0.0026646							
	0.0020027							
	0.0034511							
	0.0034654							
	0.0034224							
	0.0039265							
	0.0034833							
	0.004686							
	0.0016277							
	0.0021512							
	0.0043218							
	0.0035685							
	0.0022731							
	0.002459							
	0.0030265							
	0.0022491							
	0.003442							
	0.001952							
	0.0031412							
	0.0030195							
	0.0035877							
	0.0016074							
	0.0045752							
	0.0025651							
	0.0029478							
	0.0017992			</				

CPT java implementation Evaluation - 4 length Queries

10 iterations / 1000 queries BIBLE	Garbage Collection call in sec for 1000 queries	Overall run time in ms for 1000 queries / 10 iterations	Overall run time in ms for 1000 queries	Overall time 1000 queries without Garbage collection in sec	Time per query averagely in ms			
	0.0772364	4478	4478	3.9224916	3.9224916			
	0.0682298							
	0.1396177							
	0.1190384							
	0.0792015							
	0.0237848							
	0.0043043							
	0.0041455							
	0.0050784							
	0.0056426							
	0.0031627							
	0.0034723							
	0.0043148							
	0.0024284							
	0.0034171							
	0.0029635							
	0.0039075							
	0.0026647							
	0.0029671							
	0.0048209							
Overall	0.5553084							
10 iterations / 1000 queries BMS1								
	0.0467126	4870	487	0.3567797	0.3567797			
	0.0643298							
	0.0175283							
	0.0016496							
Overall	0.1302203							
10 iterations / 1000 queries FIFA								
	0.0668867	353740	35374	34.5629691	34.5629691			
	0.0800256							
	0.1932258							
	0.0449022							
	0.0213312							
	0.0028064							
	0.0037783							
	0.0028383							
	0.0035869							
	0.0023814							
	0.0023191							
	0.0032587							
	0.0028599							
	0.0027318							
	0.003345							
	0.0024321							
	0.0027102							
	0.0031819							
	0.0034377							
	0.0033173							
	0.0028437							
	0.0029797							
	0.0027965							
	0.0034038							
	0.0030392							
	0.0026847							
	0.002664							
	0.0026002							
	0.0019331							
	0.0030625							
	0.0034934							
	0.0026792							
	0.0020168							
	0.0019437							
	0.0026401							
	0.0029199							
	0.0034376							
	0.0029593							
	0.0033575							
	0.0031592							
	0.0032579							
	0.0031179							
	0.0029339							
	0.0021911							
	0.0034748							
	0.0019855							
	0.002466							
	0.0024344							
	0.0033654							
	0.0032022							
	0.0034577							
	0.0028755							
	0.0033708							
	0.0026446							
	0.0027039							
	0.0026899							
	0.0019965							
	0.0031432							
	0.0024519							
	0.0031004							
	0.0022384							
	0.0018801							
	0.0025015							
	0.0019944							
	0.003428							
	0.0027636							
	0.0019135							
	0.0023897							
	0.0026883							
	0.0032986							
	0.0022248							
	0.0030045							
	0.0026587							
	0.0023524							
	0.0033099							
	0.0021138							
	0.0024232							
	0.0025371							
	0.0028175							
	0.003215							
	0.0030037							
	0.0021804							
	0.003492							
	0.0022702							
	0.0033469							
	0.0025489							
	0.0020353							
	0.0026881							
	0.0031713							
	0.0024372							
	0.0027951							
	0.0027512							
	0.0020134							
	0.0020809							
	0.0021267							
	0.0019967							
	0.002652							
	0.0033235							
	0.0027882							
	0.0029767							
	0.0023769							
	0.0025763							
	0.0018781							
	0.0026713							
	0.0033109							
	0.0028675							
	0.003331							
	0.0026497							
	0.0025326							
	0.0028188							
	0.0020221							
	0.0030551							
	0.0027301							
	0.0028114							
	0.0027444							
	0.0023719							
	0.0028053							
	0.002722							
	0.0029846							
	0.0023233							
	0.002265							
	0.0032993							
	0.0024045							
	0.0026881							
	0.0031788							
	0.0027335							
	0.0032168							
	0.0032349							
	0.0027056							
	0.0028846							
	0.0024906							
	0.0026546							
	0.0030593							
	0.0025354							
	0.0033483							
	0.0022694							
	0.0029071							
	0.002938							
	0.0026867							
	0.0018573							
	0.0019023							
	0.0019696							
	0.002514							
	0.0032917							
	0.002764							
	0.0032056							
	0.0030478							
	0.0033245							
	0.0029431							
	0.0024982							
	0.0034331							
	0.0019802							
Overall	0.8110309							
10 iterations / 1000 queries Kosarak								
	0.0555368	32850	3285	2.7024135	2.7024135			
	0.0603385							
	0.0864539							
	0.0880146							
	0.087587							
	0.0781407							
	0.0641368							
	0.0160529							
	0.0102361							
	0.003264							
	0.0034954							
	0.0043902							
	0.0048128							
	0.0032898							
	0.0034215							
	0.0042747							
	0.0043205							
Overall	0.0048203							
	0.5825865							
10 iterations / 1000 queries LEVIATHAN								
	0.2043263	18799	1879.9	1.632247	1.632247			
	0.0351224							
	0.0014192							
	0.0019668							
	0.0012444							
	0.002418							
	0.0011559							
Overall	0.247653							
10 iteration / 1000 queries MSNBC								
	0.0271187	260806	26080.6	25.3784152	25.3784152			
	0.1697118							
	0.0232177							
	0.0024933							
	0.0024286							
	0.0040304							
	0.0035908							
	0.0024734							
	0.0024255							
	0.0025955							
	0.001968							
	0.0026939							
	0.0026495							
	0.0024155							
	0.0022462							
	0.0020711							
	0.0017667							
	0.0018107							
	0.003065							
	0.0029882							
	0.0046198							
	0.0043632							
	0.0015577							
	0.0031411							
	0.0028427							
	0.0042753							
	0.0037174							
	0.0054161							

CPT java implementation Evaluation - 6 length Queries

10 iterations / 1000 queries BIBLE	Garbage Collection call in sec for 1000 queries	Overall run time in ms for 1000 queries / 10 Iterations	Overall run time in ms for 1000 queries	Overall time 1000 queries without Garbage collection in sec	Time per query averagely in ms			
	0.072245	5293	529.3	0.0331977	0.0331977			
	0.0670407							
	0.149079							
	0.1170091							
	0.0698544							
	0.0179218							
	0.0029523							
Overall	0.4961023							
10 iterations / 1000 queries BMS1								
	0.039086	3781	378.1	0.2521681	0.2521681			
	0.065343							
	0.0193712							
	0.0021317							
Overall	0.1259319							
10 iterations / 1000 queries FIFA								
	0.0685267	305312	30531.2	29.7637281	29.7637281			
	0.0838028							
	0.1876234							
	0.0497043							
	0.0208122							
	0.0022949							
	0.0031946							
	0.0026809							
	0.0024254							
	0.0023232							
	0.0020116							
	0.0020814							
	0.0032311							
	0.0021393							
	0.0033731							
	0.0024152							
	0.0021304							
	0.0025054							
	0.0031532							
	0.0025947							
	0.0018502							
	0.0030306							
	0.0026313							
	0.0032605							
	0.0035221							
	0.002571							
	0.0037901							
	0.0026441							
	0.0028431							
	0.0028354							
	0.0025026							
	0.0025292							
	0.0026868							
	0.0024089							
	0.0022347							
	0.002743							
	0.002994							
	0.0023354							
	0.0033589							
	0.0031415							
	0.0028345							
	0.0023378							
	0.0025018							
	0.0025695							
	0.0028157							
	0.0027155							
	0.0029179							
	0.0030876							
	0.0022297							
	0.002628							
	0.0029759							
	0.0033142							
	0.0031177							
	0.0020821							
	0.0026744							
	0.0027253							
	0.002114							
	0.0029187							
	0.0026247							
	0.0024816							
	0.0032402							
	0.0018305							
	0.0029045							
	0.003039							
	0.0027673							
	0.0024443							
	0.0025397							
	0.0023954							
	0.0024885							
	0.0022817							
	0.0023571							
	0.0025832							
	0.0028002							
	0.0025067							
	0.0025758							
	0.0033496							
	0.002112							
	0.0024418							
	0.0024063							
	0.0025881							
	0.0029317							
	0.0024149							
	0.0022066							
	0.0024582							
	0.0018804							
	0.0026103							
	0.0027758							
	0.0027658							
	0.0022206							
	0.0028613							
	0.0032401							
	0.0034038							
	0.0029068							
	0.0030789							
	0.0021086							
	0.00281							
	0.0026311							
	0.0027497							
	0.0020587							
	0.0032304							
	0.0028083							
	0.0026637							
	0.00231							
	0.002453							
	0.0030276							
	0.0031922							
	0.0020176							
	0.0021668							
	0.0024378							
	0.0026718							
	0.0023005							
	0.0028558							
	0.0019414							
	0.0024606							
	0.0032546							
	0.0023141							
	0.002445							
	0.002099							
	0.0031579							
	0.0024232							
	0.0028408							
	0.0032448							
	0.002776							
	0.0017881							
	0.0036501							
	0.0023591							
	0.0024279							
	0.0026155							
	0.0029804							
	0.0023573							
	0.0029318							
	0.0031548							
	0.0023602							
	0.0020307							
	0.0031149							
	0.0023064							
	0.0023113							
	0.0026111							
	0.0023569							
	0.0026335							
Overall	0.7674719							
10 iterations / 1000 queries Kosarak								
	0.0575725	10502	1050.2	0.4843574	0.4843574			
	0.0610349							
	0.0868816							
	0.0908296							
	0.0863256							
	0.0720619							
	0.0693457							
	0.0157056							
	0.0123718							
	0.0040033							
	0.004477							
	0.0052331							
Overall	0.5658426							
10 iterations / 1000 queries LEVIATHAN								
	0.1879653	5504	550.4	0.3268089	0.3268089			
	0.0341298							
	0.001496							
Overall	0.2235911							
10 iteration / 1000 queries MSNBC								
	0.0272995	201605	20160.5	19.6301352	19.6301352			
	0.1574744							
	0.0245091							
	0.0042439							
	0.0017927							
	0.0027563							
	0.0025529							
	0.0027814							
	0.0031753							
	0.0034898							
	0.0043275							
	0.0035986							
	0.0017958							
	0.00191							
	0.0026057							
	0.0019518							
	0.0032723							
	0.0018385							
	0.0025121							
	0.0031712							
	0.0033308							
	0.0023374							
	0.002169							
	0.0026918							
	0.0027065							
	0.0018277							
	0.0018233							
	0.0029273							
	0.0034659							
	0.0015959							
	0.0033943							
	0.0025401							
	0.0037297							
	0.0028669							
	0.0015967							
	0.0036254							
	0.0035807							
	0.0029434							
	0.0028456							
	0.0025785							
	0.00403							
	0.0015261							
	0.0016844							
	0.0018782							
	0.0029442							
	0.0017978							
	0.0029335							
	0.0022613							
	0.002618							
	0.0020943							
	0.0033766							
	0.0028691							
	0.0041832							
	0.0040494							
	0.0016637							
	0.0032228							
	0.0032223							
	0.0015729							
	0.0035833							
	0.0018335							
	0.0021527							
	0.0030087							
	0.0017704							

CPT java implementation Evaluation - 8 length Queries

10 iterations / 1000 queries BIBLE	Garbage Collection call in sec for 1000 queries	Overall run time in ms for 1000 queries / 10 iterations	Overall run time in ms for 1000 queries	Overall time 1000 queries without Garbage collection in sec	Time per query averagely in ms			
	0.0738716	3589	0.30587604	0.00030587604	0.00030587604			
	0.075309							
	0.1389383							
	0.1119142							
	0.0714011							
	0.0196883							
	0.0035014							
	0.0026084							
	0.0030029							
	0.003772							
	0.002988							
	0.0031798							
	0.0026073							
	0.0020015							
	0.0028474							
	0.0022264							
	0.0020319							
	0.0029115							
	0.002468							
	0.0029706							
Overall	0.5302396							
10 iterations / 1000 queries BMSI								
	0.0389119	4597	459.7	0.3305888	0.3305888			
	0.067221							
	0.0214112							
	0.0015671							
Overall	0.1291112							
10 iterations / 1000 queries FFFA								
	0.0692932	292468	29246.8	28.499456	28.499456			
	0.0829072							
	0.1930862							
	0.0485419							
	0.0227807							
	0.0022581							
	0.0028886							
	0.0026693							
	0.00207							
	0.0021299							
	0.0023484							
	0.0018395							
	0.0026202							
	0.0027416							
	0.0033858							
	0.0032199							
	0.0028481							
	0.0024554							
	0.0027888							
	0.001888							
	0.0028025							
	0.0026633							
	0.0026501							
	0.0027383							
	0.002588							
	0.0018235							
	0.0018596							
	0.0025826							
	0.0021168							
	0.0025669							
	0.0019044							
	0.0023321							
	0.0019719							
	0.0023368							
	0.0029483							
	0.0022359							
	0.0029736							
	0.0028568							
	0.0022781							
	0.0025267							
	0.0024971							
	0.0032005							
	0.003096							
	0.0017916							
	0.0033827							
	0.0024658							
	0.0025148							
	0.0033667							
	0.0030282							
	0.0023736							
	0.0020055							
	0.0019961							
	0.0018513							
	0.0024516							
	0.0022475							
	0.0028471							
	0.0018116							
	0.0024657							
	0.0025178							
	0.0017225							
	0.0022941							
	0.0023625							
	0.003038							
	0.0029626							
	0.0021823							
	0.0026273							
	0.0024048							
	0.0025913							
	0.002389							
	0.0021536							
	0.0021596							
	0.0018236							
	0.0025299							
	0.0027362							
	0.0020998							
	0.0025982							
	0.0025189							
	0.00226							
	0.0026424							
	0.0023121							
	0.0020047							
	0.0025749							
	0.0028324							
	0.00246							
	0.0033699							
	0.0026166							
	0.0032609							
	0.0031589							
	0.0029151							
	0.0030204							
	0.0029203							
	0.0019994							
	0.0026027							
	0.002558							
	0.0021927							
	0.0018119							
	0.0032711							
	0.002947							
	0.0020812							
	0.00311							
	0.0032149							
	0.0024362							
	0.0022314							
	0.0030083							
	0.0021293							
	0.0029288							
	0.0034558							
	0.0017861							
	0.0027614							
	0.0030825							
	0.0028756							
	0.0030512							
	0.0031729							
	0.0025889							
	0.0028394							
	0.0018898							
	0.0022437							
	0.0024963							
	0.0019374							
	0.0026158							
	0.0018302							
	0.0027341							
	0.0034351							
	0.0023173							
	0.0026858							
	0.0021815							
	0.0027657							
	0.0022663							
	0.0024557							
	0.002708							
	0.0027408							
	0.0024072							
	0.0027408							
	0.0030997							
	0.0026878							
Overall	0.747344							
10 iterations / 1000 queries Kosarak								
	0.0576459	10835	1083.5	0.4575213	0.4575213			
	0.0616379							
	0.1276123							
	0.0923531							
	0.0902649							
	0.0818316							
	0.0688386							
	0.0175879							
	0.0105728							
	0.0035657							
	0.0077288							
	0.0063392							
Overall	0.6259787							
10 iterations / 1000 queries LEVIATHAN								
	0.2057731	3197	319.7	0.0826749	0.0826749			
	0.031252							
Overall	0.2370251							
10 iteration / 1000 queries MSNBC								
	0.044245	186653	18665.3	18.1900782	18.1900782			
	0.1557173							
	0.0288578							
	0.003862							
	0.002906							
	0.002003							
	0.0023859							
	0.0039491							
	0.0029462							
	0.0040295							
	0.0020182							
	0.0026144							
	0.0020894							
	0.0021245							
	0.0043461							
	0.0023494							
	0.0027593							
	0.0023475							
	0.0021453							
	0.0017649							
	0.0032697							
	0.0031178							
	0.001863							
	0.0028056							
	0.0024162							
	0.0038994							
	0.002257							
	0.0027669							
	0.0032565							
	0.0033402							
	0.0032874							
	0.0036939							
	0.002549							
	0.0020069							
	0.0031374							
	0.0028528							
	0.002476							
	0.0017594							
	0.0025023							
	0.0018189							
	0.0036893							
	0.0022546							
	0.0024201							
	0.0029069							
	0.002178							
	0.0015986							
	0.0025022							
	0.0023729							
	0.0037088							
	0.0019062							
	0.0020101							
	0.003239							
	0.0026301							
	0.0069674							
	0.0025403							
	0.0035989							