Contents

1   Linear

./runscript.sh -v1 Folder: ./doc/examples/tpdb/Frederiksen$_{\text{Glenstrup}}$/

Example	1 [ms]	2 [ms]	3 [ms]	Avg	RetVal
ack.typed.trs	341	393	406	380.0	Failure
addlists.typed.trs	329	342	327	332.6	Success
add.typed.trs	138	100	114	117.3	Success
anchored.typed.trs	82	165	86	111.0	Success
append.typed.trs	55	44	60	53.0	Success
assrewrite.typed.trs	849	867	855	857.0	Failure
badd.typed.trs	131	101	97	109.6	Failure
binom.typed.trs	376	320	376	357.3	Failure
decrease.typed.trs	3437	3468	3050	3318.3	Success
disjconj.typed.trs	806	858	848	837.3	Failure
duplicate.typed.trs	170	99	111	126.6	Success
equal.typed.trs	3057	3109	3013	3059.6	Failure
evenodd.typed.trs	52	67	51	56.6	Success
fold.typed.trs	319	365	308	330.6	Success
game.typed.trs	324	362	326	337.3	Success
gcd2.typed.trs	496	566	510	524.0	Success
gcd.typed.trs	556	516	534	535.3	Success
increase.typed.trs	3311	3267	3255	3277.6	Failure
intlookup.typed.trs	97	223	161	160.3	Failure
int.typed.trs	60030	-	-	60030.00	Timeout
letexp.typed.trs	77	86	76	79.6	Failure
list.typed.trs	69	85	52	68.6	Failure
lte.typed.trs	258	228	255	247.0	Failure
map0.typed.trs	172	184	131	162.3	Failure
member.typed.trs	107	83	70	86.6	Success
mergelists.typed.trs	151	71	123	115.0	Success
mergesort.typed.trs	615	663	676	651.3	Failure
minsort.typed.trs	248	162	144	184.6	Success
mul$_{better}$.typed.trs	156	162	146	154.6	Failure
mul.typed.trs	171	160	130	153.6	Failure
naiverev.typed.trs	174	192	178	181.3	Failure
nestdec.typed.trs	4280	4086	4299	4221.6	Failure
nesteql.typed.trs	822	790	713	775.0	Failure
nestimeql.typed.trs	3322	3236	3360	3306.0	Failure
nestinc.typed.trs	903	509	617	676.3	Failure
nolexicord.typed.trs	3178	2926	2822	2975.3	Failure
ordered$_{better}$.typed.trs	92	81	63	78.6	Success
ordered.typed.trs	76	90	102	89.3	Success
overlap.typed.trs	98	98	125	107.0	Success
parsexp.typed.trs	1471	1376	1486	1444.3	Failure
permute.typed.trs	488	533	449	490.0	Failure
power.typed.trs	258	248	242	249.3	Failure
quicksort.typed.trs	227	186	209	207.3	Failure
revapp.typed.trs	76	74	82	77.3	Success
select.typed.trs	330	306	267	301.0	Failure
shuffle.typed.trs	266	220	235	240.3	Failure
sp1.typed.trs	129	120	120	123.0	Failure
subsets.typed.trs	169	162	212	181.0	Success

Folder: ./doc/examples/tpdb/Frederiksen$_{\text{Others}}$/

Example	1 [ms]	2 [ms]	3 [ms]	Avg	RetVal
add.typed.trs	86	110	89	95.0	Success
assrewriteSize.typed.trs	100	102	78	93.3	Success
boolprog.typed.trs	1242	1270	1341	1284.3	Failure
bubblesort.typed.trs	299	314	328	313.6	Success
deadcodeSize.typed.trs	34	42	25	33.6	Failure
div2.typed.trs	208	249	201	219.3	Failure
eq.typed.trs	66	127	62	85.0	Success
ex6.typed.trs	104	106	82	97.3	Success
fghSize.typed.trs	616	732	612	653.3	Failure
fgh.typed.trs	755	652	697	701.3	Failure
gexgcd2.typed.trs	122	75	82	93.0	Success
gexgcd.typed.trs	576	551	539	555.3	Failure
inssort$_{\text{better.typed.trs}}$	189	213	172	191.3	Success
inssort.typed.trs	172	149	164	161.6	Success
match.typed.trs	73	87	71	77.0	Success
minsortSize.typed.trs	152	171	145	156.0	Success
ocall-safe.typed.trs	122	106	171	133.0	Success
ocall-unsafe.typed.trs	108	117	150	125.0	Success
oddeven.typed.trs	35	43	44	40.6	Success
permut.typed.trs	48	36	56	46.6	Success
power.typed.trs	212	219	227	219.3	Failure
quicksortPtime.typed.trs	202	189	214	201.6	Failure
quicksortSize.typed.trs	210	195	192	199.0	Failure
reach.typed.trs	230	240	272	247.3	Success
rematch.typed.trs	60547	-	-	60547.00	Timeout
strmatch.typed.trs	231	284	251	255.3	Success
thetrickSize.typed.trs	243	245	216	234.6	Success

Folder: ./doc/examples/tpdb/hoca/

Example	1 [ms]	2 [ms]	3 [ms]	Avg	RetVal
dfs-flatten.typed.trs	125	132	114	123.6	Success
fib$_\text{llist.typed.trs}$	10783	11221	12026	11343.3	Failure
flatten.typed.trs	905	857	899	887.0	Success
foldsum.typed.trs	305	393	420	372.6	Success
id.typed.trs	114	147	178	146.3	Success
isort-fold.typed.trs	466	590	622	559.3	Failure
isort.typed.trs	368	308	300	325.3	Failure
mappplus.typed.trs	325	254	323	300.6	Failure
mergesort-dc.typed.trs	3056	3162	3096	3104.6	Failure
mss.typed.trs	4083	3789	3948	3940.0	Failure
rev-dl.typed.trs	185	225	193	201.0	Success
rev-fletf.typed.trs	194	196	183	191.0	Success
rev-foldl.typed.trs	95	119	105	106.3	Success
rpm-lazy.typed.trs	60166	-	-	60166.00	Timeout
sum$_\text{sqs3.typed.trs}$	323	297	310	310.0	Failure
sum.typed.trs	156	111	161	142.6	Success

Folder: ./doc/examples/tpdb/raML/

Example	1 [ms]	2 [ms]	3 [ms]	Avg	RetVal
appendAll.raml.typed.trs	114	165	157	145.3	Failure
bfs.raml.typed.trs	507	440	425	457.3	Failure
bft$_{mmult.raml.typed.trs}$	587	687	652	642.0	Failure
bitvectors.raml.typed.trs	1474	1441	1425	1446.6	Failure
clevermmult.raml.typed.trs	228	218	233	226.3	Failure
duplicates.raml.typed.trs	276	207	237	240.0	Failure
dyade.raml.typed.trs	122	149	168	146.3	Failure
eratosthenes.raml.typed.trs	387	291	372	350.0	Failure
flatten.raml.typed.trs	239	183	211	211.0	Failure
insertionsort.raml.typed.trs	1126	1120	1148	1131.3	Failure
listsort.raml.typed.trs	362	278	275	305.0	Failure
longestCommonSubsequence.raml.typed.trs	1830	1747	1826	1801.0	Failure
matrix.raml.typed.trs	1979	1976	1912	1955.6	Failure
mergesort.raml.typed.trs	1466	1553	1534	1517.6	Failure
minsort.raml.typed.trs	267	160	204	210.3	Failure
queue.raml.typed.trs	1720	1748	1739	1735.6	Failure
quicksort.raml.typed.trs	1506	1341	1361	1402.6	Failure
rationalPotential.raml.typed.trs	149	240	96	161.6	Success
splitandsort.raml.typed.trs	739	708	783	743.3	Failure
subtrees.raml.typed.trs	134	97	123	118.0	Failure

Folder: ./doc/examples/tpdb/TCT$_{12}$/

Example	1 [ms]	2 [ms]	3 [ms]	Avg	RetVal
polycounter-10.typed.trs	5646	5626	5772	5681.3	Failure
polycounter-5.typed.trs	442	508	476	475.3	Failure
recursion-10.typed.trs	2601	2701	2620	2640.6	Failure
recursion-5.typed.trs	522	513	532	522.3	Failure
sat.typed.trs	670	774	747	730.3	Failure

2 Quadratic

./runscript.sh -v2 Folder: ./doc/examples/tpdb/Frederiksen$_{Glenstrup}$/

Example	1 [ms]	2 [ms]	3 [ms]	Avg	RetVal
ack.typed.trs	2655	2741	2665	2687.0	Failure
addlists.typed.trs	368	376	387	377.0	Success
add.typed.trs	95	123	96	104.6	Success
anchored.typed.trs	111	121	136	122.6	Success
append.typed.trs	49	73	61	61.0	Success
assrewrite.typed.trs	8537	8721	8783	8680.3	Failure
badd.typed.trs	361	259	313	311.0	Failure
binom.typed.trs	2103	2049	1965	2039.0	Failure
decrease.typed.trs ^[[A^?^?	3804	3046	3579	3476.3	Success
disjconj.typed.trs	3022	3016	3064	3034.0	Failure
duplicate.typed.trs	135	108	91	111.3	Success
equal.typed.trs	48140	46894	42059	45697.6	Failure
evenodd.typed.trs	93	43	44	60.0	Success
fold.typed.trs	249	257	241	249.0	Success
game.typed.trs	236	242	224	234.0	Success
gcd2.typed.trs	378	393	380	383.6	Success
gcd.typed.trs	384	425	392	400.3	Success
increase.typed.trs	5647	5623	5724	5664.6	Failure
intlookup.typed.trs	297	268	269	278.0	Failure
int.typed.trs	60010	-	-	60010.00	Timeout
letexp.typed.trs	100	100	94	98.0	Failure
list.typed.trs	91	129	129	116.3	Failure
lte.typed.trs	2278	2271	2261	2270.0	Failure
map0.typed.trs	329	331	350	336.6	Failure
member.typed.trs	82	85	62	76.3	Success
mergelists.typed.trs	65	71	58	64.6	Success
mergesort.typed.trs	57213	57499	57027	57246.3	Failure
minsort.typed.trs	118	124	117	119.6	Success
mul_{better}.typed.trs	352	331	349	344.0	Success
mul.typed.trs	293	357	312	320.6	Success
naiverev.typed.trs	331	384	353	356.0	Success
nestdec.typed.trs	22820	22893	22812	22841.6	Failure
nesteql.typed.trs	2640	2636	2605	2627.0	Failure
nestimeql.typed.trs	6048	6092	6117	6085.6	Failure
nestinc.typed.trs	1959	1977	1980	1972.0	Failure
nolexicord.typed.trs	4339	4359	4267	4321.6	Failure
$ordered_{better}$.typed.trs	90	70	72	77.3	Success
ordered.typed.trs	69	91	78	79.3	Success
overlap.typed.trs	109	81	82	90.6	Success
parsexp.typed.trs	6271	6264	6329	6288.0	Failure
permute.typed.trs	2879	2866	2898	2881.0	Failure
power.typed.trs	644	619	620	627.6	Failure
quicksort.typed.trs	1860	1897	1902	1886.3	Failure
revapp.typed.trs	39	40	68	49.0	Success
select.typed.trs	1054	1088	1065	1069.0	Failure
shuffle.typed.trs	2709	2769	2708	2728.6	Failure
sp1.typed.trs	338	364	344	348.6	Failure
subsets.typed.trs	148	156	161	155.0	Success

Folder: ./doc/examples/tpdb/Frederiksen$_{\text{Others}}$/

Example	1 [ms]	2 [ms]	3 [ms]	Avg	RetVal
add.typed.trs	73	67	85	75.0	Success
assrewriteSize.typed.trs	82	69	69	73.3	Success
boolprog.typed.trs	6263	6284	6257	6268.0	Failure
bubblesort.typed.trs	237	244	278	253.0	Success
deadcodeSize.typed.trs	44	43	46	44.3	Failure
div2.typed.trs	27222	27343	27308	27291.0	Failure
eq.typed.trs	77	63	50	63.3	Success
ex6.typed.trs	78	97	98	91.0	Success
fghSize.typed.trs	7587	7577	7581	7581.6	Failure
fgh.typed.trs	5288	5276	5257	5273.6	Failure
gexgcd2.typed.trs	51	96	70	72.3	Success
gexgcd.typed.trs	1327	1370	1312	1336.3	Failure
inssort$_{\text{better.typed.trs}}$	150	179	188	172.3	Success
inssort.typed.trs	145	124	151	140.0	Success
match.typed.trs	62	61	59	60.6	Success
minsortSize.typed.trs	128	123	142	131.0	Success
ocall-safe.typed.trs	98	123	103	108.0	Success
ocall-unsafe.typed.trs	99	149	87	111.6	Success
oddeven.typed.trs	38	32	34	34.6	Success
permut.typed.trs	27	35	31	31.0	Success
power.typed.trs	655	667	670	664.0	Failure
quicksortPtime.typed.trs	10204	10200	10165	10189.6	Failure
quicksortSize.typed.trs	1974	1957	1953	1961.3	Failure
reach.typed.trs	200	220	204	208.0	Success
rematch.typed.trs	60618	-	-	60618.00	Timeout
strmatch.typed.trs	240	236	245	240.3	Success
thetrickSize.typed.trs	204	228	205	212.3	Success

Folder: ./doc/examples/tpdb/hoca/

Example	1 [ms]	2 [ms]	3 [ms]	Avg	RetVal
dfs-flatten.typed.trs	126	107	117	116.6	Success
fib$_{\text{llist.typed.trs}}$	60002	-	-	60002.00	Timeout
flatten.typed.trs	596	625	606	609.0	Success
foldsum.typed.trs	212	235	243	230.0	Success
id.typed.trs	86	83	95	88.0	Success
isort-fold.typed.trs	997	1003	1013	1004.3	Success
isort.typed.trs	693	711	736	713.3	Success
mappplus.typed.trs	1243	1239	1265	1249.0	Failure
mergesort-dc.typed.trs	60003	-	-	60003.00	Timeout
mss.typed.trs	60002	-	-	60002.00	Timeout
rev-dl.typed.trs	204	151	157	170.6	Success
rev-fletf.typed.trs	150	130	133	137.6	Success
rev-foldl.typed.trs	47	56	36	46.3	Success
rpm-lazy.typed.trs	60240	-	-	60240.00	Timeout
sum$_{\text{sqs3.typed.trs}}$	815	872	821	836.0	Failure
sum.typed.trs	126	94	103	107.6	Success

Folder: ./doc/examples/tpdb/raML/

Example	1 [ms]	2 [ms]	3 [ms]	Avg	RetVal
appendAll.raml.typed.trs	640	652	643	645.0	Failure
bfs.raml.typed.trs	60002	-	-	60002.00	Timeout
bft$_{mmult.raml.typed.trs}$	1639	1670	1643	1650.6	Failure
bitvectors.raml.typed.trs	60002	-	-	60002.00	Timeout
clevermmult.raml.typed.trs	580	572	579	577.0	Failure
duplicates.raml.typed.trs	2261	2237	2250	2249.3	Failure
dyade.raml.typed.trs	399	407	366	390.6	Failure
eratosthenes.raml.typed.trs	7667	7642	7692	7667.0	Failure
flatten.raml.typed.trs	2233	2279	2245	2252.3	Failure
insertionsort.raml.typed.trs	47339	47744	47985	47689.3	Failure
listsort.raml.typed.trs	6845	6862	6943	6883.3	Failure
longestCommonSubsequence.raml.typed.trs	51182	51168	51378	51242.6	Failure
matrix.raml.typed.trs	5056	5013	4989	5019.3	Failure
mergesort.raml.typed.trs	4868	4868	4988	4908.0	Failure
minsort.raml.typed.trs	5832	5819	5847	5832.6	Failure
queue.raml.typed.trs	60002	-	-	60002.00	Timeout
quicksort.raml.typed.trs	60002	-	-	60002.00	Timeout
rationalPotential.raml.typed.trs	88	96	97	93.6	Success
splitandsort.raml.typed.trs	60002	-	-	60002.00	Timeout
subtrees.raml.typed.trs	898	840	898	878.6	Failure

Folder: ./doc/examples/tpdb/TCT$_{12}$/

Example	1 [ms]	2 [ms]	3 [ms]	Avg	RetVal
polycounter-10.typed.trs	15982	16044	15802	15942.6	Failure
polycounter-5.typed.trs	1322	1287	1286	1298.3	Failure
recursion-10.typed.trs	6655	6655	6733	6681.0	Failure
recursion-5.typed.trs	1150	1173	1182	1168.3	Failure
sat.typed.trs	2390	2386	2365	2380.3	Success

3   Cubic

./runscript.sh -v3 Folder: ./doc/examples/tpdb/Frederiksen$_{Glenstrup}$/

Example	1 [ms]	2 [ms]	3 [ms]	Avg	RetVal
ack.typed.trs	15270	14968	15099	15112.3	Failure
addlists.typed.trs	293	355	329	325.6	Success
add.typed.trs	132	93	98	107.6	Success
anchored.typed.trs	102	72	71	81.6	Success
append.typed.trs	64	45	52	53.6	Success
assrewrite.typed.trs	12844	13770	13475	13363.0	Success
badd.typed.trs	645	626	628	633.0	Failure
binom.typed.trs	24032	22960	22765	23252.3	Failure
decrease.typed.trs	2115	2138	2047	2100.0	Success
disjconj.typed.trs	7599	7729	7563	7630.3	Failure
duplicate.typed.trs	92	86	59	79.0	Success
equal.typed.trs	55693	56189	58073	56651.6	Failure
evenodd.typed.trs	48	48	121	72.3	Success
fold.typed.trs	246	252	307	268.3	Success
game.typed.trs	245	251	284	260.0	Success
gcd2.typed.trs	406	431	422	419.6	Success
gcd.typed.trs	472	397	404	424.3	Success
increase.typed.trs	60010	-	-	60010.00	Timeout
intlookup.typed.trs	799	792	846	812.3	Failure
int.typed.trs	60013	-	-	60013.00	Timeout
letexp.typed.trs	205	257	213	225.0	Failure
list.typed.trs	317	255	274	282.0	Failure
lte.typed.trs	29564	29439	29063	29355.3	Failure
map0.typed.trs	893	895	912	900.0	Failure
member.typed.trs	65	45	103	71.0	Success
mergelists.typed.trs	92	66	59	72.3	Success
mergesort.typed.trs	60003	-	-	60003.00	Timeout
minsort.typed.trs	201	148	134	161.0	Success
mul$_{better.typed.trs}$	374	383	424	393.6	Success
mul.typed.trs	356	302	359	339.0	Success
naiverev.typed.trs	352	399	390	380.3	Success
nestdec.typed.trs	60006	-	-	60006.00	Timeout
nesteql.typed.trs	21160	21212	21738	21370.0	Failure
nestimeql.typed.trs	60012	-	-	60012.00	Timeout
nestinc.typed.trs	60003	-	-	60003.00	Timeout
nolexicord.typed.trs	10466	10583	10698	10582.3	Failure
ordered$_{better.typed.trs}$	71	74	119	88.0	Success
ordered.typed.trs	66	60	75	67.0	Success
overlap.typed.trs	106	96	115	105.6	Success
parsexp.typed.trs	60003	-	-	60003.00	Timeout
permute.typed.trs	60003	-	-	60003.00	Timeout
power.typed.trs	1896	2116	1903	1971.6	Failure
quicksort.typed.trs	27688	29579	28062	28443.0	Failure
revapp.typed.trs	112	67	59	79.3	Success
select.typed.trs	7934	7929	8516	8126.3	Failure
shuffle.typed.trs	39859	40241	40739	40279.6	Failure
sp1.typed.trs	993	1039	1097	1043.0	Failure
subsets.typed.trs	181	223	192	198.6	Success

Folder: ./doc/examples/tpdb/Frederiksen$_{\text{Others}}$/

Example	1 [ms]	2 [ms]	3 [ms]	Avg	RetVal
add.typed.trs	99	99	90	96.0	Success
assrewriteSize.typed.trs	112	99	98	103.0	Success
boolprog.typed.trs	60003	-	-	60003.00	Timeout
bubblesort.typed.trs	336	309	312	319.0	Success
deadcodeSize.typed.trs	86	79	89	84.6	Failure
div2.typed.trs	35280	35697	35914	35630.3	Failure
eq.typed.trs	135	102	76	104.3	Success
ex6.typed.trs	107	103	139	116.3	Success
fghSize.typed.trs	60004	-	-	60004.00	Timeout
fgh.typed.trs	60006	-	-	60006.00	Timeout
gexgcd2.typed.trs	70	109	60	79.6	Success
gexgcd.typed.trs	3843	3957	3842	3880.6	Failure
inssort$_{\text{better.typed.trs}}$	204	230	196	210.0	Success
inssort.typed.trs	164	167	149	160.0	Success
match.typed.trs	76	70	83	76.3	Success
minsortSize.typed.trs	121	178	158	152.3	Success
ocall-safe.typed.trs	117	207	182	168.6	Success
ocall-unsafe.typed.trs	187	115	128	143.3	Success
oddeven.typed.trs	43	37	50	43.3	Success
permut.typed.trs	44	36	28	36.0	Success
power.typed.trs	1898	1949	1929	1925.3	Failure
quicksortPtime.typed.trs	39026	39515	41415	39985.3	Failure
quicksortSize.typed.trs	23387	25002	23744	24044.3	Failure
reach.typed.trs	295	286	289	290.0	Success
rematch.typed.trs	60308	-	-	60308.00	Timeout
strmatch.typed.trs	396	332	402	376.6	Success
thetrickSize.typed.trs	301	350	358	336.3	Success

Folder: ./doc/examples/tpdb/hoca/

Example	1 [ms]	2 [ms]	3 [ms]	Avg	RetVal
dfs-flatten.typed.trs	177	139	167	161.0	Success
fib$_{\text{llist.typed.trs}}$	60002	-	-	60002.00	Timeout
flatten.typed.trs	835	729	786	783.3	Success
foldsum.typed.trs	308	311	354	324.3	Success
id.typed.trs	103	114	157	124.6	Success
isort-fold.typed.trs	1280	1329	1339	1316.0	Success
isort.typed.trs	904	877	851	877.3	Success
mappplus.typed.trs	5437	5523	5585	5515.0	Failure
mergesort-dc.typed.trs	60003	-	-	60003.00	Timeout
mss.typed.trs	60003	-	-	60003.00	Timeout
rev-dl.typed.trs	150	154	214	172.6	Success
rev-fletf.typed.trs	180	209	197	195.3	Success
rev-foldl.typed.trs	78	55	61	64.6	Success
rpm-lazy.typed.trs	60159	-	-	60159.00	Timeout
sum$_{\text{sqs3.typed.trs}}$	2648	2659	2681	2662.6	Failure
sum.typed.trs	153	97	94	114.6	Success

Folder: ./doc/examples/tpdb/raML/

Example	1 [ms]	2 [ms]	3 [ms]	Avg	RetVal
appendAll.raml.typed.trs	1525	1618	1610	1584.3	Failure
bfs.raml.typed.trs	60002	-	-	60002.00	Timeout
bft$_{\text{mmult.raml.typed.trs}}$	5994	6027	6207	6076.0	Failure
bitvectors.raml.typed.trs	60002	-	-	60002.00	Timeout
clevermmult.raml.typed.trs	2052	1983	1950	1995.0	Failure
duplicates.raml.typed.trs	13213	12646	12781	12880.0	Failure
dyade.raml.typed.trs	1119	1147	1121	1129.0	Failure
eratosthenes.raml.typed.trs	43442	42439	42312	42731.0	Failure
flatten.raml.typed.trs	4954	5068	5460	5160.6	Failure
insertionsort.raml.typed.trs	60002	-	-	60002.00	Timeout
listsort.raml.typed.trs	46949	48369	47308	47542.0	Failure
longestCommonSubsequence.raml.typed.trs	60002	-	-	60002.00	Timeout
matrix.raml.typed.trs	13502	13736	13748	13662.0	Failure
mergesort.raml.typed.trs	60002	-	-	60002.00	Timeout
minsort.raml.typed.trs	58712	58959	58801	58824.0	Failure
queue.raml.typed.trs	60003	-	-	60003.00	Timeout
quicksort.raml.typed.trs	60003	-	-	60003.00	Timeout
rationalPotential.raml.typed.trs	94	105	87	95.3	Success
splitandsort.raml.typed.trs	60002	-	-	60002.00	Timeout
subtrees.raml.typed.trs	6245	6101	6285	6210.3	Failure

Folder: ./doc/examples/tpdb/TCT$_{12}$/

Example	1 [ms]	2 [ms]	3 [ms]	Avg	RetVal
polycounter-10.typed.trs	50623	50849	50409	50627.0	Failure
polycounter-5.typed.trs	4465	4466	4459	4463.3	Failure
recursion-10.typed.trs	17811	17441	17557	17603.0	Failure
recursion-5.typed.trs	3178	3198	3203	3193.0	Failure