Environment for Overlapping Program Portions

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[C Source Files] → [C Front End] → [Unoptimized RTLs and Static Data Directives] → [Back End and Run-Time Stack Data Overlapper]
    → [Optimized RTLs and Static Data Directives] → [Static Data and Instruction Overlapper] → [Assembly File]
```
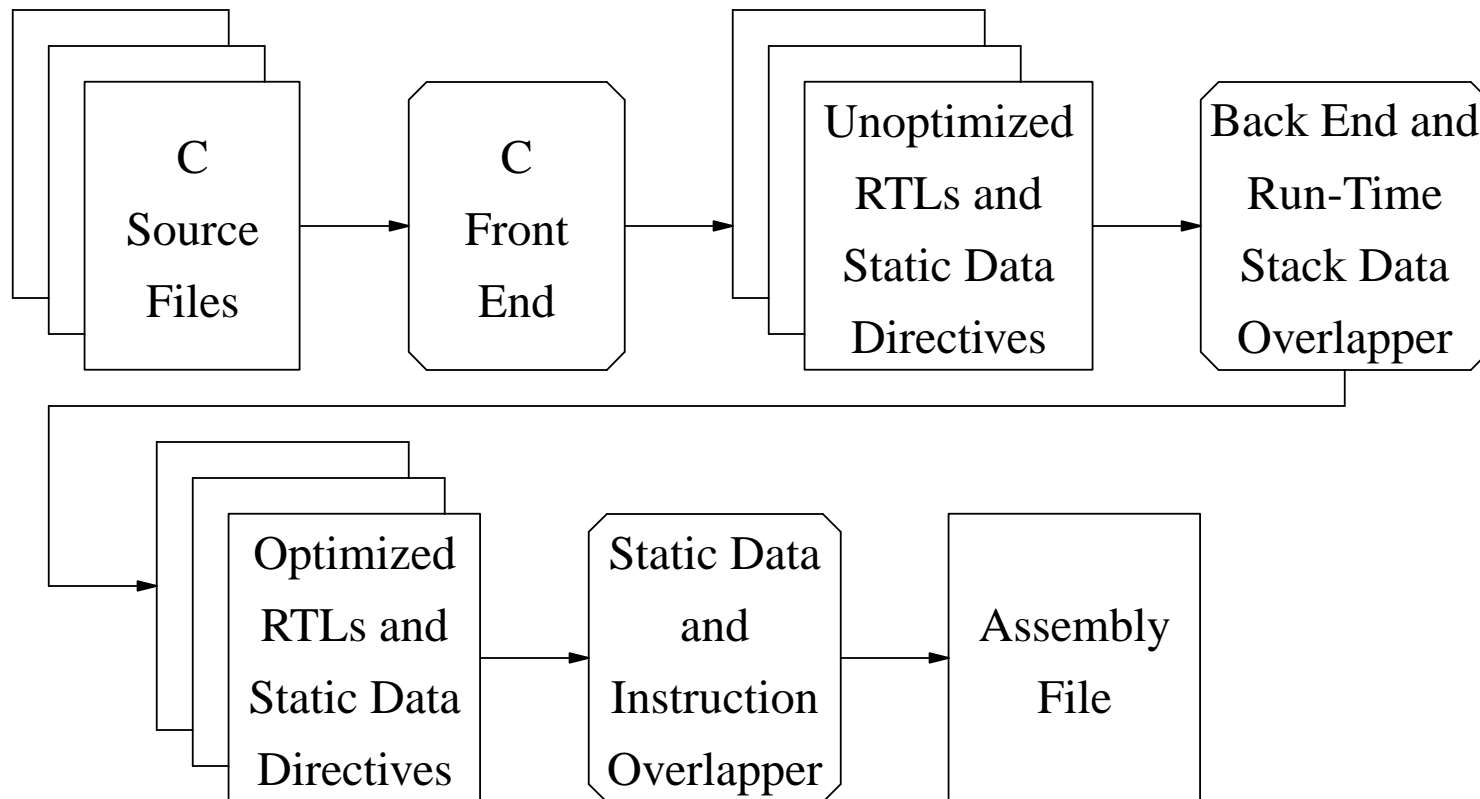
Overlapping Results

Program	Overlapping Run-Time Stack Data		Overlapping Static Data			Overlapping Instructions		Overall
						with Instructions	with Static Data	
	Bytes Orig	Pct Less	Bytes Orig	Pct Less	Bytes Orig	Pct Less	Pct Less	
cal	312	2.56%	725	9.24%	1376	1.16%	22.09%	16.54%
cmp	768	0.00%	16677	0.94%	1576	-0.25%	50.25%	4.97%
csplit	1488	0.00%	2688	23.85%	7736	1.71%	6.55%	10.78%
ctags	8144	0.00%	6644	2.78%	9816	0.81%	9.09%	4.70%
dhrystone	644	0.00%	10816	0.61%	1956	1.64%	0.92%	0.86%
grep	592	0.00%	1827	5.75%	4048	1.98%	34.58%	24.51%
join	480	0.00%	2754	4.61%	2736	2.05%	36.40%	19.75%
lex	9472	0.00%	11836	2.98%	35724	2.05%	3.01%	3.79%
linpack	1504	3.19%	646502	0.01%	10588	2.53%	51.64%	0.89%
mincost	1216	0.00%	11436	1.32%	4428	2.71%	17.34%	6.08%
sdiff	2536	0.00%	5312	43.39%	7476	3.64%	24.77%	28.90%
tr	192	0.00%	845	4.26%	1692	1.18%	28.84%	19.93%
tsp	3008	0.27%	83015	0.11%	4788	0.67%	5.18%	0.42%
whetstone	568	0.00%	466	11.16%	4812	3.82%	1.58%	5.34%
yacc	4232	0.00%	233818	0.48%	31236	1.52%	49.40%	6.32%
average	2345	0.40%	69024	7.43%	8666	1.81%	22.78%	10.25%