Memory size of SETLB Runs

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The following memory inventory of a minimum-size BALMSETL translator run will clarify the problems of getting down to smaller sizes.

	Module		Size (octal)
BALM	translator		24 k
BALMSETL	library	(total)	111 k
Subcomponents:	(Strings)		(1 k)
	(Code)		(100 k)
	(Vectors)		(1 k)
	(Lists)		(7 k)
Symbol Table			6.6 k
Garbage Collector Tables			4.3 k
Buffers			1 k
	Total BALMSETL:		151 k
	Extra Heap to run jobs		15 k
	Extra Symbtab		.3 k
	Minimum to run BALMSETL jobs:		166 k

Paging of code blocks might save half the code space, allowing a minimum run of 126 k. Bob Paige estimates that some additional translator optimisation might reduce code sizes by about 1/4, which if achieved would together with code paging allow runs in a minimum size of 116k.