

# ELF Binary Comparison

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## Binaries

old: libelf\_diff\_test\_static\_1\_old.a

new: libelf\_diff\_test\_static\_1\_new.a

## Resource Consumption

### Program Storage

	Old/bytes	New/bytes	Delta/bytes
overall	185	187	+2
text	177	179	+2
data	8	8	+0

### Static RAM

	Old/bytes	New/bytes	Delta/bytes
overall	8	8	+0
data	8	8	+0
bss	0	0	+0

### Legend

text	instructions
data	initialized global or static variables
bss	uninitialized global or static variables

## Symbols

5 symbols found in libelf\_diff\_test\_static\_1\_old.a

5 symbols found in libelf\_diff\_test\_static\_1\_new.a

### Persisting Symbols

1 symbols persisted but potentially changed size (+0 bytes of program memory)

### Symbols Disappeared

4 symbols disappeared (-60 bytes of program memory)

Symbol ^v	Type ^v	Size/bytes ^v
Test::g(float, float)	T	25
Test::f(int, int)	T	17
func(int)	T	14
Test::m_	D	4

## New Symbols

4 symbols were newly introduced (+62 bytes of program memory)

Symbol ^v	Type ^v	Size/bytes ^v
Test1::g(float, float)	T	25
Test1::f(int, int)	T	17
func(double)	T	16
Test1::m_	D	4

## Similar Symbols

4 pairs of similar symbols have been found.

Similarities may be due to symbols having been renamed or moved between classes and namespaces. Please note that the listed pairs are not necessarily related. The table tries to aid finding actually related symbol pairs by listing those pairs that exhibit similarities in terms of namespaces, class names, function/method names or parameter signatures.

ID ^v	Symbols ^v	Types ^v	Sizes/bytes ^v	Delta/bytes ^v
1	func(int)	T	14	+2
	func(double)	T	16	
2	Test::f(int, int)	T	17	+0
	Test1::f(int, int)	T	17	
3	Test::g(float, float)	T	25	+0
	Test1::g(float, float)	T	25	
4	Test::m_	D	4	+0
	Test1::m_	D	4	

Generated by elf\_diff ([https://github.com/CapeLeidokos/elf\\_diff](https://github.com/CapeLeidokos/elf_diff)) © 2019 by noseeglasses (shinynoseglasses@gmail.com)

Sortable tables from kryogenix.org