

```

L00001    ent      sp      L00002
          ent      ep      L00003
          rtn      p
#define    L00002    4
#define    L00003    4
          mst      0
          cup      0      L00001
          stp

```

Label Table

label	address	resolved	reference		
L00001	0	yes			
L00002	4	Yes no	0		
L00003	4	Yes no	1		

Instruction Array

Address	op	r1	r2
0	ent(02)	sp(00)	4
1	ent(02)	ep(01)	4
2	rtn(04)	p(07)	
3	mst(03)		0
4	cup(00)	00	0
5	stp(30)		

Instruction Array

Address	op	r1	r2
0	02	00	0004
1	02	01	0004
2	04	07	0000
3	03	00	0000
4	00	00	0000
5	30	00	0000

Directory

Offset	Field	Value		
0	index of first instruction	3		
4	stack size	1024		
8	p-code instruction array offset	48		
12	p-code instruction array length	24		
16	integer constants offset	48		
20	integer constants length	0		
24	real constants offset	48		
28	real constants length	0		
32	set constants offset	48		
36	set constants length	0		
40	string constants offset	48		
44	string constants length	0		
48	p-code instruction array	02	00	0004
		02	01	0004
		04	07	0000
		03	00	0000
		00	00	0000
		30	00	0000

p001_000.alst

Directory

start= 3 instruction address of first instruction
ssize=1024 stack size
doffset= 0 directory offset
dsize= 48 directory size
scoffset= 48 string constants offset
scsize= 0 string constants size
tcoffset= 0 set constants offset
tcsz= 0 set constants size
rcoffset= 48 real constants offset
rcsz= 0 real constants size
icsz= 0 integer constants size
iaoffset= 48 instruction array offset
iasz= 24 instruction array size

String Constants

Index Constant

Set Constants

Index Constant

Real Constants

Index Constant

Integer Constants

Index Constant

P-Code Instruction Array

PC	OP	R1	R2
0	ent(02)	sp(00)	4(0004)
1	ent(02)	ep(01)	4(0004)
2	rtn(04)	p(07)	0(0000)
3	mst(03)	0(00)	0(0000)
4	cup(00)	0(00)	0(0000)
5	stp(30)	0(00)	0(0000)

Label Table

Label	Address	Resolved	Reference	List
L00001	0	true	4	
L00002	4	true	0	
L00003	4	true	1	

p001_000.dlst

Directory

start= 3 instruction address of first instruction
ssize=1024 stack size
doffset= 0 directory offset
dsize= 48 directory size
scoffset= 48 string constants offset
scsize= 0 string constants size
tcoffset= 0 set constants offset
tcsiz= 0 set constants size
rcoffset= 48 real constants offset
rcsize= 0 real constants size
icsize= 0 integer constants size
iaoffset= 48 instruction array offset
iasize= 24 instruction array size

String Constants

Index Constant

Set Constants

Index Constant

Real Constants

Index Constant

Integer Constants

Index Constant

P-Code Instruction Array

PC	OP	R1	R2
0	ent(02)	ep(01)	4(0004)
1	ent(02)	mp(02)	4(0004)
2	rtn(04)	a(00)	0(0000)
3	mst(03)	0(00)	0(0000)
4	cup(00)	0(00)	0(0000)
5	stp(30)	0(00)	0(0000)