

Aug 31, 16 14:02

analysis.h

Page 1/1

```
void findloops();  
void calclivevars();  
void calcdeadvars();
```

Aug 31, 16 14:01

opts.h

Page 1/1

```
void unreachablecodeelim();
void remvbranchchains();
void reversebranches();
void deadasgelim();
void regalloc(int *);
void codemotion(int *);
void filldelayslots();
void readinrules();
void applypeeprules(int *);
void localcopyprop(int *);
void localcse(int *);
```

Aug 31, 16 8:24

chains.c

Page 1/1

```
#include <stdlib.h>
#include <stdio.h>
#include "opt.h"
#include "misc.h"
#include "opts.h"
#include "flow.h"

/*
 * remvbranchchains - remove branch chains
 */
void remvbranchchains()
{
}
```

Aug 31, 16 8:24

copyprop.c

Page 1/1

```
#include <stdio.h>
#include "opt.h"
#include "misc.h"
#include "vars.h"

/*
 * localcopyprop - perform copy propagation
 */
void localcopyprop(int *changes)
{
}
```

Aug 31, 16 8:24

cse.c

Page 1/1

```
#include <stdio.h>
#include "opt.h"
#include "misc.h"
#include "vars.h"

/*
 * cseinblk - perform local common subexpression elimination in a block
 */
void cseinblk(struct bblk *cblk, int *changes)
{
}

/*
 * localcse - perform local common subexpression elimination
 */
void localcse(int *changes)
{
    struct bblk *cblk;
    extern struct bblk *top;

    for (cblk = top; cblk; cblk = cblk->down)
        cseinblk(cblk, changes);
}
```

Aug 31, 16 8:24

deadasgs.c

Page 1/1

```
#include <stdio.h>
#include "opt.h"
#include "vars.h"
#include "analysis.h"
#include "opts.h"

/*
 * deadasgelim - perform dead assignment elimination
 */
void deadasgelim()
{
}
```

Aug 31, 16 8:24

fillslots.c

Page 1/1

```
#include <stdio.h>
#include "opt.h"
#include "misc.h"
#include "opts.h"

/*
 * filldelayslots - fill the delay slots of the transfers of control in a
 *                  function
 */
void filldelayslots()
{
}
```

Aug 31, 16 8:24

livedeadvvars.c

Page 1/1

```
#include <stdio.h>
#include "opt.h"
#include "misc.h"
#include "vars.h"
#include "analysis.h"
#include "opts.h"

/*
 * calclivevars - calculate live variable information
 */
void calclivevars()
{
}

/*
 * calcdeadvars - calculate dead variable information
 */
void calcdeadvars()
{
}
```


Aug 31, 16 8:24

loops.c

Page 1/1

```
#include <stdio.h>
#include "opt.h"
#include "misc.h"
#include "analysis.h"
#include "vect.h"

struct loopnode *loops;    /* head of linked list of loops */

/*
 * findloops - locate loops in the program and build the loop data structure
 */
void findloops()
{
}
```

Aug 31, 16 8:24

motion.c

Page 1/1

```
#include <stdio.h>
#include "opt.h"
#include "misc.h"
#include "opts.h"
#include "vars.h"

/*
 * codemotion - perform loop invariant code motion on each loop
 */
void codemotion(int *changes)
{
}
```

Aug 31, 16 8:24

peephole.c

Page 1/1

```
#include <stdio.h>
#include "opt.h"
#include "misc.h"
#include "vars.h"
#include "opts.h"

extern int numpeeprules;

/*
 * readinrules - read in the peephole rules from the rules file
 */
void readinrules()
{
}

/*
 * applypeeprules - apply peephole rules to the function
 */
void applypeeprules(int *changes)
{
}
```

Aug 31, 16 8:24

regalloc.c

Page 1/1

```
#include <stdio.h>
#include <strings.h>
#include "opt.h"
#include "misc.h"
#include "vars.h"
#include "opts.h"

/*
 * regalloc - perform register allocation
 */
void regalloc(int *changes)
{
}
```

Aug 31, 16 8:24

reverse.c

Page 1/1

```
#include <stdio.h>
#include "opt.h"
#include "misc.h"
#include "opts.h"

/*
 * reversebranches - avoid jumps by reversing branches
 */
void reversebranches()
{
}
```

Aug 31, 16 14:04	Makefile	Page 1/1
<pre> CC = gcc DIR = /home/faculty/whalley/cop6622proj/lib DIROBJ = /home/faculty/whalley/cop6622proj/obj CFLAGS = -g -I\$(DIR) -I. -c -Wall LFLAGS = -g OBJECTS = chains.o copyprop.o cse.o deadasgs.o fillslots.o flow.o io.o livedead vars.o loops.o misc.o motion.o opt.o peephole.o regalloc.o reverse.o \$(DIROBJ)/u nreachable.o vars.o vect.o opt: \$(OBJECTS) \$(CC) \$(LFLAGS) -o opt \$(OBJECTS) chains.o: chains.c \$(DIR)/misc.h \$(DIR)/opt.h opts.h \$(DIR)/vect.h \$(CC) \$(CFLAGS) chains.c copyprop.o: copyprop.c \$(DIR)/misc.h \$(DIR)/opt.h \$(DIR)/vars.h \$(CC) \$(CFLAGS) copyprop.c deadasgs.o: deadasgs.c \$(DIR)/opt.h \$(DIR)/vars.h analysis.h opts.h \$(CC) \$(CFLAGS) deadasgs.c fillslots.o: fillslots.c \$(DIR)/opt.h opts.h \$(DIR)/misc.h \$(CC) \$(CFLAGS) fillslots.c flow.o: \$(DIR)/flow.c \$(DIR)/flow.h \$(DIR)/opt.h \$(CC) \$(CFLAGS) \$(DIR)/flow.c io.o: \$(DIR)/io.c \$(DIR)/io.h analysis.h \$(DIR)/misc.h \$(DIR)/opt.h \$(DIR)/vars.h \$(CC) \$(CFLAGS) \$(DIR)/io.c livedeadvars.o: livedeadvars.c analysis.h \$(DIR)/misc.h \$(DIR)/opt.h \$(DIR)/vars.h opts.h \$(CC) \$(CFLAGS) livedeadvars.c cse.o: cse.c \$(DIR)/vars.h \$(DIR)/misc.h \$(DIR)/opt.h \$(CC) \$(CFLAGS) cse.c loops.o: loops.c analysis.h \$(DIR)/misc.h \$(DIR)/opt.h \$(CC) \$(CFLAGS) loops.c misc.o: \$(DIR)/misc.c \$(DIR)/misc.h \$(DIR)/opt.h \$(DIR)/vars.h \$(CC) \$(CFLAGS) \$(DIR)/misc.c motion.o: motion.c \$(DIR)/opt.h opts.h \$(DIR)/misc.h \$(DIR)/vars.h \$(CC) \$(CFLAGS) motion.c opt.o: \$(DIR)/opt.c \$(DIR)/opt.h \$(CC) \$(CFLAGS) \$(DIR)/opt.c peephole.o: peephole.c \$(DIR)/misc.h \$(DIR)/vars.h \$(DIR)/opt.h \$(CC) \$(CFLAGS) peephole.c regalloc.o: regalloc.c \$(DIR)/opt.h opts.h \$(DIR)/misc.h \$(DIR)/vars.h \$(CC) \$(CFLAGS) regalloc.c reverse.o: reverse.c \$(DIR)/opt.h opts.h \$(DIR)/misc.h \$(CC) \$(CFLAGS) reverse.c vars.o: \$(DIR)/vars.c \$(DIR)/vars.h \$(DIR)/opt.h \$(CC) \$(CFLAGS) \$(DIR)/vars.c vect.o: \$(DIR)/vect.c \$(DIR)/vect.h \$(DIR)/opt.h \$(CC) \$(CFLAGS) \$(DIR)/vect.c </pre>		