

--file PeepholeDefs.mesa edited by Sweet June 20, 1978 10:07 AM

## DIRECTORY

```
AltoDefs: FROM "altodefs" USING [BYTE],
CodeDefs: FROM "codedefs" USING [CCIndex, CodeCCIndex, JumpCCIndex],
ControlDefs: FROM "controldefs" USING [FieldDescriptor],
TableDefs: FROM "tabledefs" USING [TableNotifier];
```

PeepholeDefs: DEFINITIONS =  
BEGIN

```
PeepState: TYPE = RECORD[
  c: CodeDefs.CodeCCIndex,
  bp, cp: ARRAY [1..3] OF WORD,
  b: CodeDefs.CodeCCIndex,
  binst: AltoDefs.BYTE,
  bmin: BOOLEAN,
  ap: ARRAY [1..3] OF WORD,
  cinst: AltoDefs.BYTE,
  cmin: BOOLEAN,
  a: CodeDefs.CodeCCIndex,
  ainst: AltoDefs.BYTE,
  amin: BOOLEAN];
```

```
JumpPeepState: TYPE = RECORD[
  c: CodeDefs.JumpCCIndex,
  bp, cp: ARRAY [1..3] OF WORD,
  binst: AltoDefs.BYTE,
  bmin: BOOLEAN,
  b: CodeDefs.CodeCCIndex,
  cinst: AltoDefs.BYTE,
  cmin: BOOLEAN];
```

```
SetRealInst: PROCEDURE [BOOLEAN];
SetSourceIndex: PROCEDURE [CARDINAL];
InitParametersABC: PROCEDURE [p: POINTER TO PeepState];
InitParametersBC: PROCEDURE [p: POINTER TO PeepState];
InitParametersC: PROCEDURE [p: POINTER TO PeepState];
InitJParametersBC: PROCEDURE [p: POINTER TO JumpPeepState];
SlidePeepState2: PROCEDURE [p: POINTER TO PeepState, ci: CodeDefs.CodeCCIndex];
SlidePeepState1: PROCEDURE [p: POINTER TO PeepState, ci: CodeDefs.CodeCCIndex];
cpeepz: PROCEDURE [start: CodeDefs.CodeCCIndex];
HalfByteLocal: PROCEDURE [c: CodeDefs.CodeCCIndex] RETURNS [BOOLEAN];
LoadInst: PROCEDURE [c: CodeDefs.CodeCCIndex] RETURNS [BOOLEAN];
PackPair: PROCEDURE [l,r: [0..16]] RETURNS [w: WORD];
UnpackPair: PROCEDURE [w: WORD] RETURNS [l,r: [0..16]];
UnpackFD: PROCEDURE [d: ControlDefs.FieldDescriptor] RETURNS [p,s: CARDINAL];
MCO: PROCEDURE [i: AltoDefs.BYTE, minimal: BOOLEAN];
delete2: PROCEDURE [a,b: CodeDefs.CodeCCIndex];
delete3: PROCEDURE [a,b,c: CodeDefs.CodeCCIndex];
PeepholeZNotify: TableDefs.TableNotifier;
PeepholeUNotify: TableDefs.TableNotifier;
```

END.