

--file p5bdefs.mesa edited by Johnsson, May 23, 1978 9:23 AM

DIRECTORY

```

AltoDefs: FROM "altodefs" USING [BYTE],
CodeDefs: FROM "codedefs" USING [CCIndex, JumpCCIndex, Lexeme, RegisterName],
LitDefs: FROM "litdefs" USING [STIndex],
SymDefs: FROM "symdefs" USING [CBTIndex],
TreeDefs: FROM "treedefs" USING [TreeIndex, TreeLink];

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DEFINITIONS FROM AltoDefs, TreeDefs, SymDefs, CodeDefs, LitDefs;

P5BDefs: DEFINITIONS =

BEGIN

-- from Expression

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Cexp: PROCEDURE [t: TreeLink] RETURNS [l: Lexeme];
Cregload: PROCEDURE [v: RegisterName];
Crelloc: PUBLIC PROCEDURE [node: TreeIndex, allowedescriptor: BOOLEAN]
  RETURNS [Lexeme];
pushconst: PROCEDURE [t: TreeLink];
pushlex: PROCEDURE [l: Lexeme];
lpushlex: PROCEDURE [l: Lexeme] RETURNS [Lexeme];
pushlitval: PROCEDURE [v: WORD];
pushlnestedprocdesc: PROCEDURE [bti: CBTIndex];
pushlnonnestedprocdesc: PROCEDURE [n: CARDINAL];
pushlprocdesc: PROCEDURE [bti: CBTIndex];
pushrhs: PROCEDURE [t: TreeLink];
MWConstant: SIGNAL [cOffset: CARDINAL] RETURNS [Lexeme];

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-- from Final

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Cfixup: PROCEDURE [start: CCIndex];
AreThreadsValid: PROCEDURE RETURNS [BOOLEAN];

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-- from FlowExpression

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Cflowexp: PROCEDURE [node: TreeIndex] RETURNS [l: Lexeme];

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-- from Jumps

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bindjump: PROCEDURE [min, max: INTEGER, c: JumpCCIndex] RETURNS [bindable: BOOLEAN];
codejump: PROCEDURE [nbytes: INTEGER, c: JumpCCIndex];

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-- from OutCode

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endcodefile: PROCEDURE RETURNS [nbytes: CARDINAL];
movetocodeword: PROCEDURE RETURNS [CARDINAL];
writecodeword: PROCEDURE [w: WORD];
ProcessGlobalStrings: PROCEDURE [framestart: CARDINAL] RETURNS [nextnewframe: CARDINAL];
ProcessLocalStrings: PROCEDURE [framestart: CARDINAL, first: STIndex] RETURNS [nextnewframe: CARDINAL
**];

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startcodefile: PROCEDURE;

outbinary: PROCEDURE [bti: CBTIndex, start: CCIndex];

-- from Peephole

```

Cpeephole: PROCEDURE [start: CCIndex];
C0: PROCEDURE [i: BYTE];
C1: PROCEDURE [i: BYTE, p1: WORD];
C1W: PROCEDURE [i: BYTE, p1: WORD];
C2: PROCEDURE [i: BYTE, p1, p2: WORD];
C3: PROCEDURE [i: BYTE, p1, p2, p3: WORD];
LoadConstant: PROCEDURE [c: WORD];

```

-- from Statement

```

Ccasesmtexp: PROCEDURE [node: TreeIndex, iscasexp: BOOLEAN] RETURNS [psize: CARDINAL];
Ccatchphrase: PROCEDURE [node: TreeIndex];
Cstatement: PROCEDURE [t: TreeLink] RETURNS [TreeLink];
sCcatchphrase: PROCEDURE [node: TreeIndex];
END.

```