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

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

P5BDefs: DEFINITIONS •
  BEGIN
    -- from Expression
    Cexp: PROCEDURE [t: TreeLink] RETURNS [1: Lexeme];
    Cregload: PROCEDURE [v: RegisterName];
    Crelloc: PUBLIC PROCEDURE [node: TreeIndex, allowdescriptor: BOOLEAN]
      RETURNS [Lexeme];
    pushconst: PROCEDURE [t: TreeLink];
    pushlex: PROCEDURE [1: Lexeme];
    lpushlex: PROCEDURE [1: Lexeme] RETURNS [Lexeme];
    pushlitval: PROCEDURE [v: WORD];
    pushlnestedprocdesc: PROCEDURE [bti: CBTIndex];
    pushlnonnestedprocdesc: PROCEDURE [n: CARDINAL];
    pushlprocdesc: PROCEDURE [t: TreeLink];
    MWConstant: SIGNAL [cOffset: CARDINAL] RETURNS [Lexeme];

    -- from Final
    Cfixup: PROCEDURE [start: CCIndex];
    AreThreadsValid: PROCEDURE RETURNS [BOOLEAN];

    -- from FlowExpression
    Cflowexp: PROCEDURE [node: TreeIndex] RETURNS [1: Lexeme];

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

    -- from OutCode
    endcodefile: PROCEDURE RETURNS [nbytes: CARDINAL];
    movecodeword: PROCEDURE RETURNS [CARDINAL];
    writecodeword: PROCEDURE [w: WORD];
    ProcessGlobalStrings: PROCEDURE [framestart: CARDINAL] RETURNS [nextnewframe: CARDINAL];
    ProcessLocalStrings: PROCEDURE [framestart: CARDINAL, first: STIndex]
      RETURNS [nextnewframe: CARDINAL **];
    startcodefile: PROCEDURE;
    outbinary: PROCEDURE [bti: CBTIndex, start: CCIndex];

    -- from Peephole
    Cpeephole: PROCEDURE [start: CCIndex];
    CO: PROCEDURE [1: BYTE];
    Cl: PROCEDURE [1: BYTE, p1: WORD];
    ClW: PROCEDURE [1: BYTE, p1: WORD];
    C2: PROCEDURE [1: BYTE, p1, p2: WORD];
    C3: PROCEDURE [1: BYTE, p1, p2, p3: WORD];
    LoadConstant: PROCEDURE [c: WORD];

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