

-- FOOpTable.mesa edited by Sweet, June 21, 1978 9:15 PM

## DIRECTORY

P5ADefs: FROM "p5adefs";

FOOpTable: PROGRAM EXPORTS P5ADefs =  
BEGIN

-- generated by OpDefsGenerator 21-Jun-78 21:12

Q: TYPE = PRIVATE RECORD [  
push: [0..3], pop: [0..7], length: [0..3], mark: BOOLEAN];  
T: BOOLEAN = TRUE; F: BOOLEAN = FALSE;

OpParms: PRIVATE ARRAY [0..256] OF Q = [  
-- NOOP  
-- Q[0,0,0,F], Q[0,0,0,F], Q[0,0,0,F], Q[0,0,0,F],  
-- LG SG LL SL  
-- Q[1,0,1,F], Q[0,1,1,F], Q[1,0,1,F], Q[0,1,1,F],  
-- LI LGD SGD LLD  
-- Q[1,0,1,F], Q[2,0,1,F], Q[0,2,1,F], Q[2,0,1,F],  
-- SLD R W RF  
-- Q[0,2,1,F], Q[1,1,1,F], Q[0,2,1,F], Q[1,1,2,F],  
-- WF RD WD RSTR  
-- Q[0,2,2,F], Q[2,1,1,F], Q[0,3,1,F], Q[1,2,1,F],  
-- WSTR RXL WXL RXG  
-- Q[0,3,1,F], Q[1,1,2,F], Q[0,2,2,F], Q[1,1,2,F],  
-- WXG RIG RIL WS  
-- Q[0,2,2,F], Q[1,0,2,F], Q[1,0,2,F], Q[0,2,1,F],  
-- WSF WSD RILF WIG  
-- Q[0,2,2,F], Q[0,3,1,F], Q[1,0,3,F], Q[0,1,2,F],  
-- WIL RII RIIL PS  
-- Q[0,1,2,F], Q[1,1,2,F], Q[1,1,2,F], Q[1,2,1,F],  
-- PSD PSF PL  
-- Q[1,3,1,F], Q[1,2,2,F], Q[1,1,1,F], Q[0,0,0,F],  
--  
-- Q[0,0,0,F], Q[0,0,0,F], Q[0,0,0,F], Q[0,0,0,F],  
--  
-- Q[0,0,0,F], Q[0,0,0,F], Q[0,0,0,F], Q[0,0,0,F],  
-- ADD SUB MUL DIV  
-- Q[1,2,0,F], Q[1,2,0,F], Q[1,2,0,F], Q[1,2,0,F],  
-- LDIV SDIV NEG AND  
-- Q[1,3,0,F], Q[1,2,0,F], Q[1,1,0,F], Q[1,2,0,F],  
-- OR XOR SHIFT PUSH  
-- Q[1,2,0,F], Q[1,2,0,F], Q[1,2,0,F], Q[1,0,0,F],  
-- POP EXCH CATCH EFC  
-- Q[0,1,0,F], Q[2,2,0,F], Q[0,0,1,F], Q[0,0,1,F],  
-- LFC SFC RET PORTO  
-- Q[0,0,1,F], Q[0,1,0,F], Q[0,0,0,F], Q[0,1,0,F],  
-- PORTI KFCB BLT ALLOC  
-- Q[0,0,0,F], Q[0,0,1,F], Q[0,3,0,T], Q[1,1,0,F],  
-- FREE STOP LLK  
-- Q[0,1,0,F], Q[0,0,0,F], Q[1,0,1,F], Q[0,0,0,F],  
-- BITBLT STARTIO DST LST  
-- Q[0,1,0,T], Q[0,1,0,F], Q[0,0,1,F], Q[0,0,1,F],  
-- LSTF WR RR BRK  
-- Q[0,0,1,F], Q[0,1,1,F], Q[1,0,1,F], Q[0,0,0,F],  
-- BLTR LINKB DESC BDESCBS  
-- Q[0,3,0,T], Q[0,1,1,F], Q[1,0,1,F], Q[1,1,1,F],  
-- FDESCBS MAX MIN UMAX  
-- Q[0,1,1,F], Q[1,2,0,F], Q[1,2,0,F], Q[1,2,0,F],  
-- UMIN STFORB STFORW ENDFOR  
-- Q[1,2,0,F], Q[0,2,1,F], Q[0,2,1,F], Q[0,0,0,F],  
-- UENDFOR GADRB LADRB DEC  
-- Q[0,0,0,F], Q[1,0,1,F], Q[1,0,1,F], Q[1,1,0,F],  
-- INC DUP J JDREL  
-- Q[1,1,0,F], Q[2,1,0,F], Q[0,0,0,F], Q[0,4,0,T],  
-- JREL ADD2 ADDSB DBL

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-- Q[0,2,0,T], Q[1,1,0,F], Q[1,1,1,F], Q[1,1,0,F],
-- DADD DSUB DCOMP IWDC
-- Q[2,4,0,T], Q[2,4,0,T], Q[1,4,0,T], Q[0,0,0,F],
-- DWDC RFC RFS WFS
-- Q[0,0,0,F], Q[1,1,2,F], Q[1,2,2,F], Q[0,3,2,F],
-- LINT
-- Q[2,1,0,F], Q[0,0,0,F], Q[0,0,0,F], Q[0,0,0,F],
-- ME MRE MXW MXD
-- Q[1,1,0,T], Q[1,2,0,T], Q[0,3,0,T], Q[0,1,0,T],
-- NOTIFY BCAST REQUEUE
-- Q[0,1,0,T], Q[0,1,0,T], Q[0,3,0,T], Q[0,0,0,F],
-- MEL MREL MXWL MXDL
-- Q[1,2,0,T], Q[1,4,0,T], Q[0,5,0,T], Q[0,2,0,T],
-- NOTIFYL BCASTL REQUEUEUL
-- Q[0,2,0,T], Q[0,2,0,T], Q[0,5,0,T], Q[0,0,0,F],
-- RL WL RDL
-- Q[1,2,1,F], Q[0,3,1,F], Q[2,2,1,F], Q[0,0,0,F],
-- WDL RXLL WXLL RXGL
-- Q[0,4,1,F], Q[1,1,2,F], Q[0,2,2,F], Q[1,1,2,F],
-- WXGL RILL WILL RIGL
-- Q[0,2,2,F], Q[1,0,2,F], Q[0,1,2,F], Q[1,0,2,F],
-- WIGL RSTRL WSTRL RFL
-- Q[0,1,2,F], Q[1,3,1,F], Q[0,4,1,F], Q[1,2,2,F],
-- WFL BLTL RFSL WFSL
-- Q[0,3,2,F], Q[0,5,0,T], Q[1,3,2,F], Q[0,4,2,F],
-- LP BLTC BLTCL
-- Q[2,1,0,F], Q[0,3,0,T], Q[0,4,0,T], Q[0,0,0,F],
-- Q[0,0,0,F], Q[0,0,0,F], Q[0,0,0,F], Q[0,0,0,F];

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PushEffect: PUBLIC PROCEDURE [b: [0..256)] RETURNS [[0..3]] =
BEGIN
RETURN[OpParms[b].push]
END;

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PopEffect: PUBLIC PROCEDURE [b: [0..256)] RETURNS [[0..7]] =
BEGIN
RETURN[OpParms[b].pop]

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END;

NumberOfParams: PUBLIC PROCEDURE [b: [0..256]] RETURNS [[0..3]] =
BEGIN
RETURN[OpParms[b].length]
END;

MinimalStack: PUBLIC PROCEDURE [b: [0..256]] RETURNS [BOOLEAN] =
BEGIN
RETURN[OpParms[b].mark]
END;

END.
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