factorize (UID: 9)

make_zpencil (UID: 12)		
0	points (4,8,8)	NO-ACCESS EXCLUSIVE

__binary_int32_int32_ (UID: 33)

make_xpencil (UID: 10)		
0	points (4,8,8)	NO-ACCESS EXCLUSIVE

make_ypencil (UID: 11)		
0	points (4,8,8)	NO-ACCESS EXCLUSIVE

__binary_int32_int32_ (UID: 31)

__binary_int32_int32_ (UID: 55)

__binary_int32_int32_ (UID: 24)

make_ypencil_c (UID: 17)		
0	coords (4,7,7)	NO-ACCESS EXCLUSIVE

__binary_int32_int32_ (UID: 22)

get_LU_decomposition (UID: 4)		
0	LU_x2 (1,2,2)	READ-WRITE EXCLUSIVE

__binary_int32_int32_ (UID: 26)

__binary_int32_int32_ (UID: 52)

__binary_int32_int32_ (UID: 30)

make_zpencil (UID: 15)		
0	exact (4,9,9)	NO-ACCESS EXCLUSIVE

get_LU_decomposition (UID: 3)		
0	LU_x (1,1,1)	READ-WRITE EXCLUSIVE

make_xpencil_c (UID: 16)		
0	coords (4,7,7)	NO-ACCESS EXCLUSIVE

__binary_int32_int32_ (UID: 20)

get_LU_decomposition (UID: 5)		
0	LU_y (2,3,3)	READ-WRITE EXCLUSIVE

make_ypencil (UID: 14)		
0	exact (4,9,9)	NO-ACCESS EXCLUSIVE

get_LU_decomposition (UID: 6)		
0	LU_y2 (2,4,4)	READ-WRITE EXCLUSIVE

get_LU_decomposition (UID: 7)		
0	LU_z (3,5,5)	READ-WRITE EXCLUSIVE

__binary_int32_int32_ (UID: 50)

make_xpencil (UID: 13)		
0	exact (4,9,9)	NO-ACCESS EXCLUSIVE

get_LU_decomposition (UID: 8)		
0	LU_z2 (3,6,6)	READ-WRITE EXCLUSIVE

make_zpencil_c (UID: 18)		
0	coords (4,7,7)	NO-ACCESS EXCLUSIVE

ddx (UID: 27)		
0	points (4,8,8)	READ-ONLY EXCLUSIVE
1	points (4,8,8)	READ-WRITE EXCLUSIVE
2	LU_x (1,1,1)	READ-ONLY EXCLUSIVE

rhs_x (UID: 36)		
0	points (4,8,8)	READ-ONLY EXCLUSIVE
1	points (4,8,8)	READ-WRITE EXCLUSIVE

SolveXLU (UID: 37)		
0	points (4,8,8)	READ-WRITE EXCLUSIVE
1	LU_x (1,1,1)	READ-ONLY EXCLUSIVE

ddz (UID: 32)		
0	points (4,8,8)	READ-ONLY EXCLUSIVE
1	points (4,8,8)	READ-WRITE EXCLUSIVE
2	LU_z (3,5,5)	READ-ONLY EXCLUSIVE

rhs_z (UID: 34)		
0	points (4,8,8)	READ-ONLY EXCLUSIVE
1	points (4,8,8)	READ-WRITE EXCLUSIVE

SolveZLU (UID: 35)		
0	points (4,8,8)	READ-WRITE EXCLUSIVE
1	LU_z (3,5,5)	READ-ONLY EXCLUSIVE

d2dx2 (UID: 51)		
0	points (4,8,8)	READ-ONLY EXCLUSIVE
1	points (4,8,8)	READ-WRITE EXCLUSIVE
2	LU_x2 (1,2,2)	READ-ONLY EXCLUSIVE

rhs_x (UID: 56)		
0	points (4,8,8)	READ-ONLY EXCLUSIVE
1	points (4,8,8)	READ-WRITE EXCLUSIVE

SolveXLU (UID: 57)		
0	points (4,8,8)	READ-WRITE EXCLUSIVE
1	LU_x2 (1,2,2)	READ-ONLY EXCLUSIVE

Realm Copy of points (4,8,8) (intersect with Region (9,8,8)) generated by get_error_d2

get_error_x (UID: 43)		
0	points (4,8,8)	READ-ONLY EXCLUSIVE
1	exact (4,9,9)	READ-ONLY EXCLUSIVE

initialize (UID: 25)		
0	Region (9,8,8)	READ-WRITE EXCLUSIVE
1	Region (21,9,9)	READ-WRITE EXCLUSIVE
2	Region (33,7,7)	READ-WRITE EXCLUSIVE

get_error_z (UID: 45)		
0	points (4,8,8)	READ-ONLY EXCLUSIVE
1	exact (4,9,9)	READ-ONLY EXCLUSIVE

initialize (UID: 19)		
0	Region (6,8,8)	READ-WRITE EXCLUSIVE
1	Region (18,9,9)	READ-WRITE EXCLUSIVE
2	Region (30,7,7)	READ-WRITE EXCLUSIVE

d2dz2 (UID: 53)		
0	points (4,8,8)	READ-ONLY EXCLUSIVE
1	points (4,8,8)	READ-WRITE EXCLUSIVE
2	LU_z2 (3,6,6)	READ-ONLY EXCLUSIVE

rhs_z (UID: 59)		
0	points (4,8,8)	READ-ONLY EXCLUSIVE
1	points (4,8,8)	READ-WRITE EXCLUSIVE

SolveZLU (UID: 60)		
0	points (4,8,8)	READ-WRITE EXCLUSIVE
1	LU_z2 (3,6,6)	READ-ONLY EXCLUSIVE

Realm Copy of points (4,8,8) generated by get_error_d2

Realm Copy of points (4,8,8) generated by get_error_d2

Realm Copy of points (4,8,8) generated by get_error_d2

get_error_d2 (UID: 64)		
0	points (4,8,8)	READ-ONLY EXCLUSIVE

initialize (UID: 21)		
0	Region (8,8,8)	READ-WRITE EXCLUSIVE
1	Region (20,9,9)	READ-WRITE EXCLUSIVE
2	Region (32,7,7)	READ-WRITE EXCLUSIVE

Realm Copy of points (4,8,8) (intersect with Region (6,8,8)) generated by get_error_d2

Realm Copy of points (4,8,8) (intersect with Region (8,8,8)) generated by get_error_d2

d2dy2 (UID: 49)		
0	points (4,8,8)	READ-ONLY EXCLUSIVE
1	points (4,8,8)	READ-WRITE EXCLUSIVE
2	LU_y2 (2,4,4)	READ-ONLY EXCLUSIVE

initialize (UID: 23)		
0	Region (7,8,8)	READ-WRITE EXCLUSIVE
1	Region (19,9,9)	READ-WRITE EXCLUSIVE
2	Region (31,7,7)	READ-WRITE EXCLUSIVE

get_error_y (UID: 44)		
0	points (4,8,8)	READ-ONLY EXCLUSIVE
1	exact (4,9,9)	READ-ONLY EXCLUSIVE

rhs_y (UID: 54)		
0	points (4,8,8)	READ-ONLY EXCLUSIVE
1	points (4,8,8)	READ-WRITE EXCLUSIVE

SolveYLU (UID: 58)		
0	points (4,8,8)	READ-WRITE EXCLUSIVE
1	LU_y2 (2,4,4)	READ-ONLY EXCLUSIVE

Realm Copy of points (4,8,8) (intersect with Region (7,8,8)) generated by get_error_d2

ddy (UID: 28)		
0	points (4,8,8)	READ-ONLY EXCLUSIVE
1	points (4,8,8)	READ-WRITE EXCLUSIVE
2	LU_y (2,3,3)	READ-ONLY EXCLUSIVE

rhs_y (UID: 38)		
0	points (4,8,8)	READ-ONLY EXCLUSIVE
1	points (4,8,8)	READ-WRITE EXCLUSIVE

SolveYLU (UID: 39)		
0	points (4,8,8)	READ-WRITE EXCLUSIVE
1	LU_y (2,3,3)	READ-ONLY EXCLUSIVE