250K Split Statements

%bitcast = bitcast [2 x <2 x float>]* %A to <4 x float>*

Start

Data Store

A[1000, 1000]

$e^c = 7.8125KB$

Data Store

B[1000, 1000]

1: (A[i,j]) = i x j + 2.0 + 2.0 x 0.001

$T_0^1 : 1$

$T_1^1 : 1000000$

$e^c = 7.8125KB$

Task parallel statements

2: (B[i,j]) = i x j + 3.0 + 3.0 x 0.001

$T_0^2 : 1$

$T_1^2 : 1000000$

$e^c = 7.8085KB$

$e^c = 7.8085KB$

3: (B[i,j]) = 0.2 x A[i,j] + A[i,j+1] + A[i-1,j]

$T_0^3 : 998001000$

$T_1^3 : 0$

$e^c = 7.8085KB$

$e^c = 7.8085KB$

4: (A[i,j]) = B[i,j]]

$T_0^4 : 1000$

$T_1^4 : 998001$