

Step 1

$\underbrace{\text{reduce}(+,0) \circ \text{map}(\text{abs})}_{4e}$

Step 2

$\text{reduce}(+,0) \circ \text{outerJoin}^n \circ \text{map}(\text{part-red}(+,0)) \circ \text{outerSplit}^n \circ \underbrace{\text{map}(\text{abs})}_{4d}$

Step 3

$\text{reduce}(+,0) \circ \text{outerJoin}^n \circ \text{map}(\text{part-red}(+,0)) \circ \underbrace{\text{outerSplit}^n \circ \text{outerJoin}^n \circ \text{map}(\text{map}(\text{abs})) \circ \text{outerSplit}^n}_{4g}$

Step 4

$\text{reduce}(+,0) \circ \text{outerJoin}^n \circ \underbrace{\text{map}(\text{part-red}(+,0)) \circ \text{map}(\text{map}(\text{abs}))}_{4h} \circ \text{outerSplit}^n$

Step 5

$\text{reduce}(+,0) \circ \text{outerJoin}^n \circ \underbrace{\text{map}(\text{part-red}(+,0) \circ \text{map}(\text{abs}))}_{4e\&5b} \circ \text{outerSplit}^n$

Step 6

$\text{reduce}(+,0) \circ \text{outerJoin}^n \circ \underbrace{\text{map}(\text{reduce-seq}(+,0) \circ \text{map-seq}(\text{abs}))}_{4h} \circ \text{outerSplit}^n$

$\text{reduce}(+,0) \circ \text{outerJoin}^n \circ \underbrace{\text{map}(\text{reduce-seq}(\lambda \text{ acc}, a: \text{acc} + \text{abs}(a), 0))}_{4h} \circ \text{outerSplit}^n$