What’s in common between DAX, EAVL and PISTON?
  • High level Container/Iterator/Functor abstractions
  • Portability between CPU/GPU

We are at a point in history that we probably won’t have to worry about “platforms/architectures” anymore.
  • Compiler/Language technology improved a lot over the past years
    o Things couldn’t be done a few years ago can be done now (Thrust).
    o What’s the last time you look into the asm output?
  • Hardware and software will converge to the performance/ease of programming sweet spot.
    o Anything deemed as too hard to program or doesn’t deliver decent performance with ease of program will die out (Cell?).

How to cope with the future?
  • “Rational Ignorance”
  • Thinking “High Level” when programming parallel.