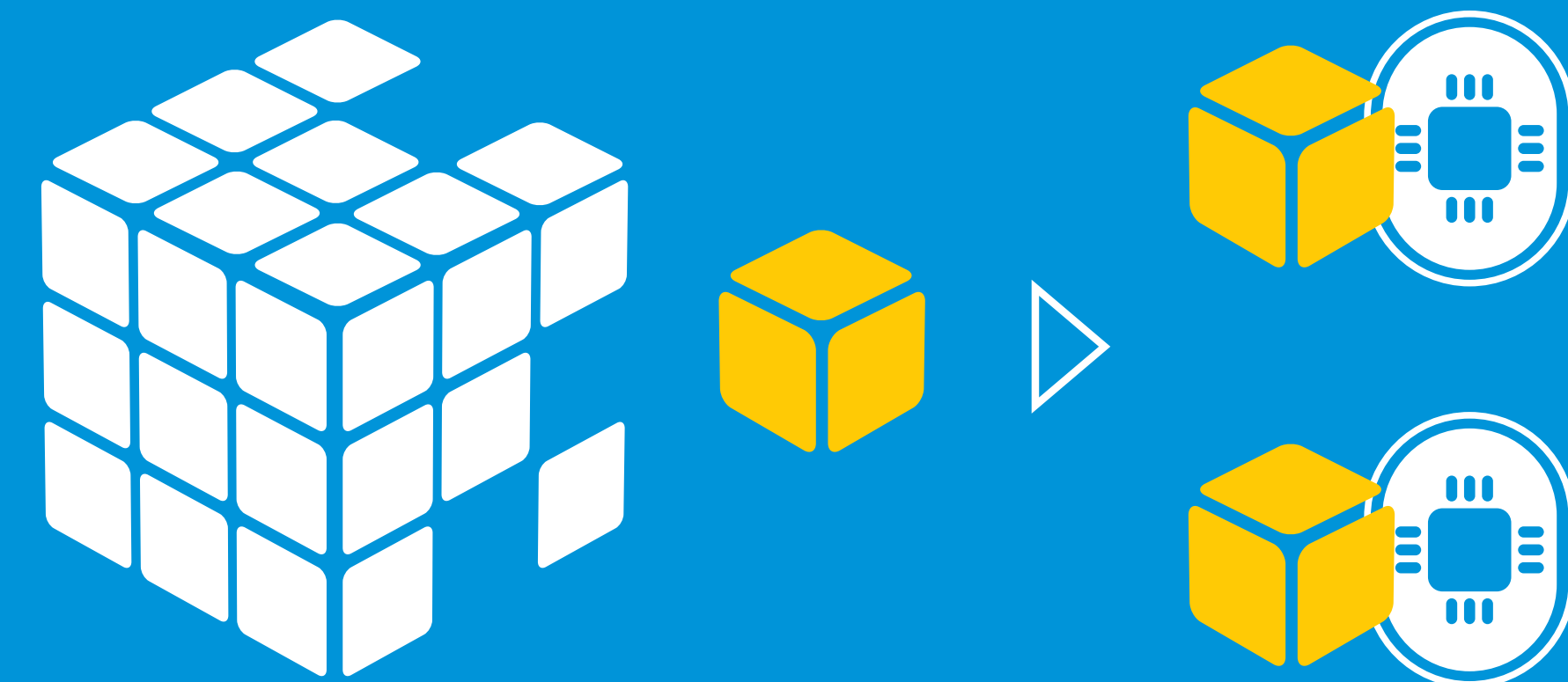
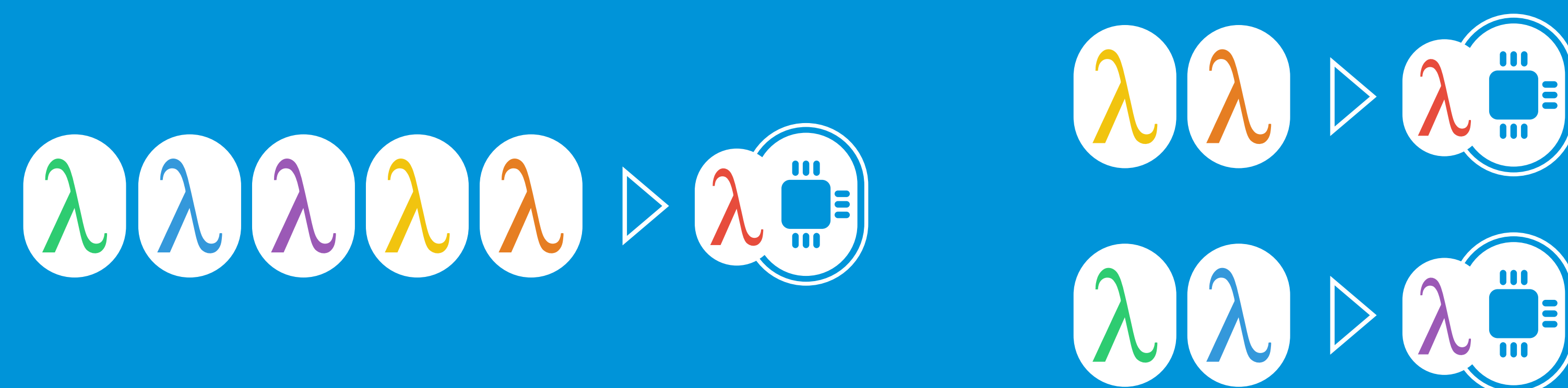


Using Iguassu to Run Embarrassingly Parallel Jobs in the Cloud

What is an embarrassingly parallel job?



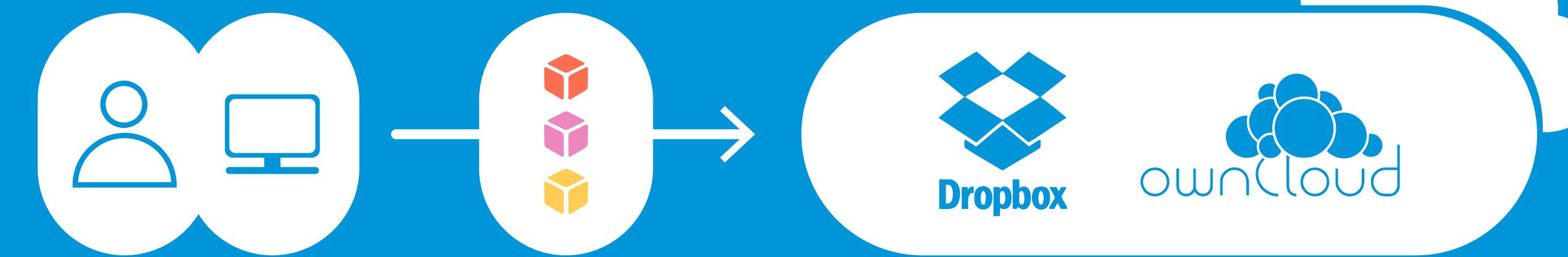
Data intensive applications dedicate most of their execution time to manipulate input and output data. A key optimization used when the volume of data is large is to break those big dataset into smaller portions, send them to independent processing units and process them in parallel. Video rendering and protein database search tools (such as Blast) are data intensive applications.



Compute intensive applications spend most of their time on calculation and make little use of data. In many cases, these applications are composed by large batches of similar tasks (e.g the same program executed with different parameters). This is the case of protein folder and computer simulations.

Running them in the Cloud in three simple steps

1. Prepare input data



2. Write a job



3. Submit job

