# How Job Submission Works

Before diving into a job submission, let’s stop for a moment to consider what happens when a job is submitted to Slurm. A simplified diagram of the basic process is:

actdiag {  
 submit -> parseargs -> accept -> schedule -> assign -> run -> writeoutput -> exit -> writejobrecord -> reviewoutput  
  
 lane user {  
 label = "User"  
 submit [label = "Submit Job\nsbatch, srun, salloc"];  
 reviewoutput [label = "slurm-JOBID.out"];  
 }  
 lane slurmctld {  
 label = "Slurm Controller"  
 parseargs [label = "Parse job options"];  
 accept [label = "Accept job submission"];  
 schedule [label = "Schedule job for\nexecution"];  
 assign [label = "Assign job to\nresources"];  
 writejobrecord [label = "Write job record\nto accounting db"];  
 }  
 lane slurmd {  
 label = "Slurm Node\nDaemon(s)";  
 run [label = "Run job script on\nnodes(s)"];  
 writeoutput [label = "Write stdio/stderr\nto output file"];  
 exit [label = "Return script exit\ncode"];  
 }  
}