PARALLEL CODE:  
• Multiple processors  
• Distributed memory  

THINGS THE CODE NEEDS/USES:  
• f90  
  – Fortran 90  
• MPI  
  – Message Passing Interface  
• cpp  
  – C language preprocessor  
  – used to set machine specific stuff  
• m4  
  – general purpose macro processor  
  – used to create generic communication tools  
• cvs  
  – Concurrent Versions System  
  – revision controlled files  

PARALLEL DESIGN:  
• Optimise single processor performance  
• Communication between processors:  
  – MPI  
  – Makes use of shared memory options when available and when optimal (T3E)  
• I/O  
  – cached to dedicated extra I/O processors  
  – no parallel I/O interfaces currently available and working