DOE SciDAC Workshop on Porting CCSM to the CRAY X1

DOE SciDAC Project in Climate and Oak Ridge
National Laboratory

February 6, 2003

NCAR

Center Green Campus

Goals

1. To hear status reports and plans from people who are already looking at vectorizing the component models.

2. To collect information on other groups or individuals who are doing similar work or planning on doing so.

3. To identify holes or issues in the current efforts.

4. To coordinate future plans, especially sharing results and code.

Goals

5. To inform CCSM Software Engineers as to what is going on.

6. To establish "lines of communication" between vectorizers and developers.

7. To begin defining requirements for the adoption of vector-friendly code in released versions of CCSM.

Agenda

Thursday, 6 February 2003

8:30 - 8:40	Welcome	(Pat Worley)
8:40 - 9:40	Intro. to Vector Architectures	(Trey White)
9:40 - 10:00	CCM/CAM work at NEC	(Dave Parks)
10:00 - 10:15	Break	
10:30 - 11:00	CAM on the Cray X1	(Matthew Cordery and Nathan Wichmann)
11:00 - 11:45	POP on the Cray X1	(John Levesque and Phil Jones)
11:45 - 12:00	Status of Vectorizing CICE	(Phil Jones)

Agenda

Thursday, 6 February 2003

12:00 - 1:30   Lunch
 1:30 - 2:30   Open discussion of CCSM porting efforts and issues
 2:30 - 3:45

On With The Show …