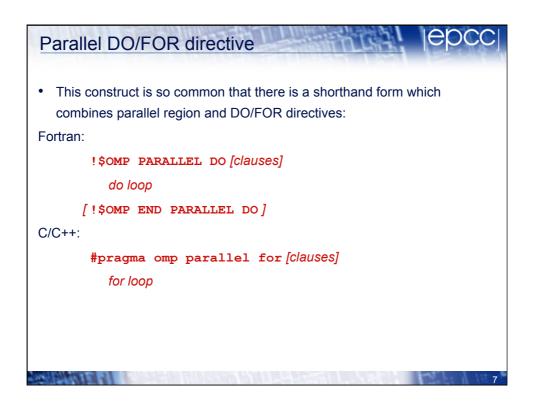
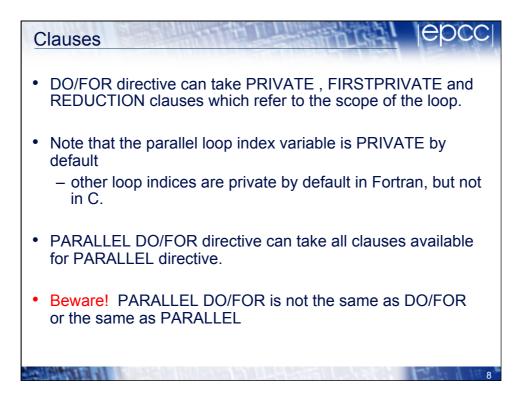
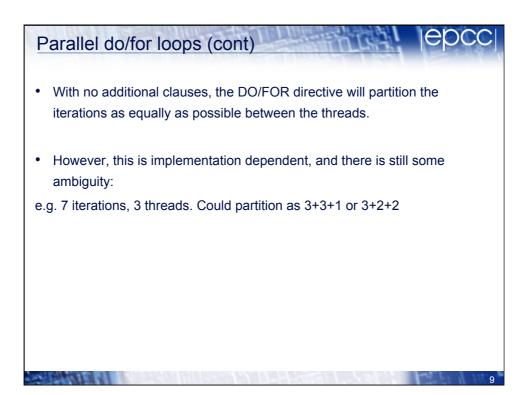
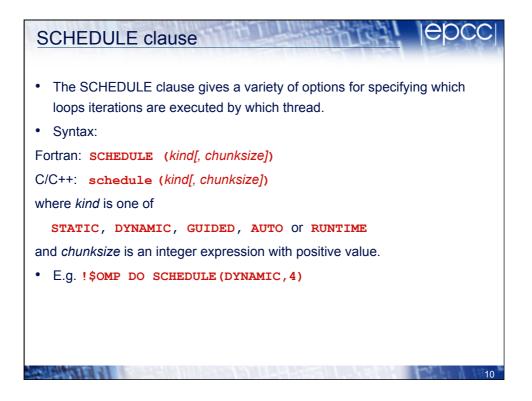


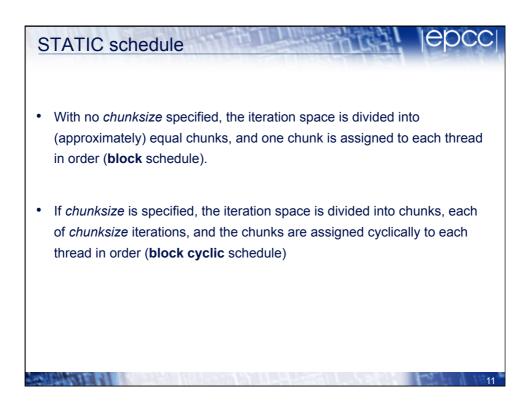
Parallel loops (example)	Iepcc
Example: !\$OMP PARALLEL !\$OMP DO do i=1,n b(i) = (a(i)-a(i-1))*0.5 end do !\$OMP END DO !\$OMP END PARALLEL	<pre>#pragma omp parallel {   #pragma omp for    for (int i=0;i<n;i++) b[i]="(a[i]*a[i-1])*0.5" pre="" {="" }="" }<=""></n;i++)></pre>
	6

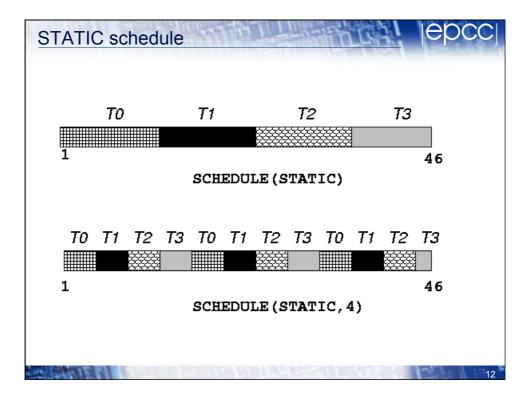


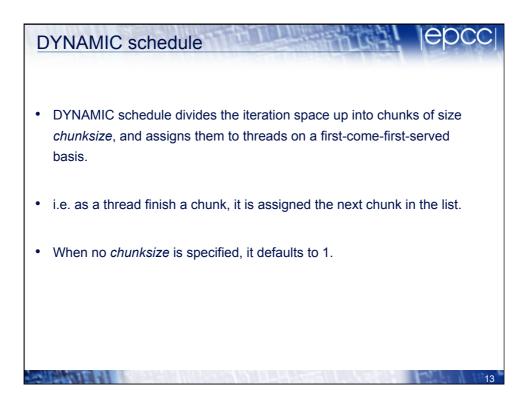


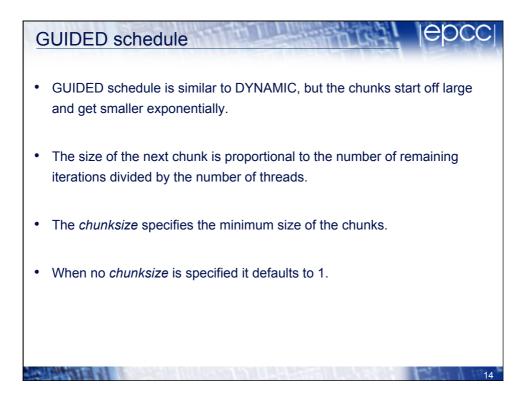


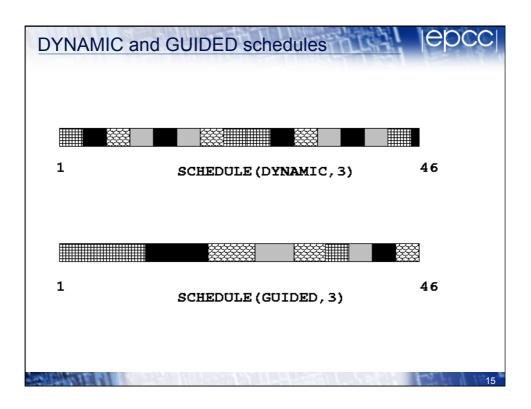


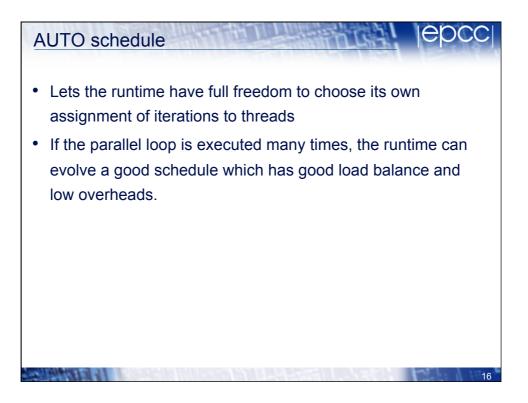


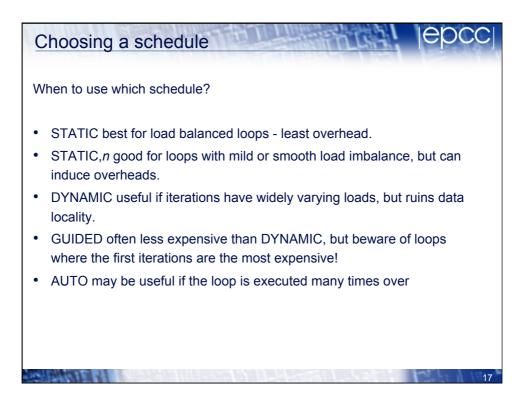


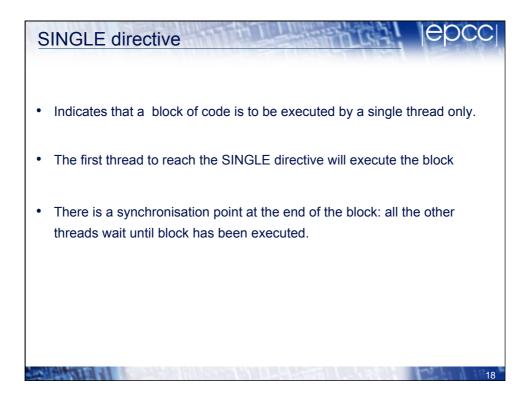












SINGLE directive (cont)	epcc
Syntax:	
Fortran:	
!\$OMP SINGLE [clauses]	
block	
!\$OMP END SINGLE	
C/C++:	
<pre>#pragma omp single [Clauses]</pre>	
structured block	
	19

SINGLE directive (cont)	TALL	The		epcc
Example:				
#pragma omp parallel {	setup	setup	setup	setup
<pre>setup(x); #pragma omp single {</pre>	idle	input	idle	idle
<pre> input(y);  work(x,y); </pre>	work	work	work	work
}				
		511.4		20

