

HPC Knowledge Portal

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Title

Subtitle

Author1 & Author2 (Company)

Agenda

① Standard block

② Lists

- bullets
- numbers

③ Slides with code

- verbatim

- code highlight with listings

④ Multiple boxes

⑤ Questions

About HPCKP

HPC Knowledge Portal

HPCKP (High-Performance Computing Knowledge Portal) is an Open Knowledge project focused on the technology transfer and the Knowledge sharing in the HPC Science field.

About Something

About Something

- one
- two
- three
- four

About Something

About Something

- ① one
- ② two
- ③ three
- ④ four

Submitting a Job

Job Description Example : SMP

```
#!/bin/bash
#SBATCH -o /share/src/app/example/app-%j.%N.out
#SBATCH -D /share/src/app/example
#SBATCH -J MIGRATESMP
#SBATCH --get-user-env
#SBATCH --ntasks=1
#SBATCH --cpu_bind=core
#SBATCH --export=NONE
#SBATCH --time=08:00:00
ml load migrate/3.4.4-smp
export OMP_NUM_THREADS=4
srun migrate-n-thread parmfile.testml -nomenu
```

listings

Code highlight

```
def pi_chudnovsky(one=1000000):  
    k = 1  
    a_k = one  
    a_sum = one  
    b_sum = 0  
    C = 640320  
    C3_OVER_24 = C**3 // 24  
    while 1:  
        a_k *= -(6*k-5)*(2*k-1)*(6*k-1)  
        a_k //= k*k*k*C3_OVER_24  
        a_sum += a_k  
        b_sum += k * a_k  
        k += 1  
        if a_k == 0:  
            break  
    total = 13591409*a_sum + 545140134*b_sum  
    pi = (426880*sqrt(10005*one, one)*one) // total  
    return pi
```

Three boxes example

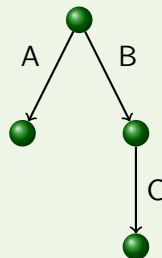
matrix one

	A	B	C
$G:$	2	2	2
	0	2	0
	2	0	0
	0	2	2

matrix two

	A	B	C
$H:$	1	0	0
	0	1	1
	0	0	0
	0	1	0
	0	0	0
	1	0	0
	0	0	0
	0	1	1

Figure



Questions





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