

Slurm Arrays

1. Job script is created

```
analysis  
--array=8
```

2. Job script is submitted

```
analysis  
--array=8
```



3. Job is launched with eight instances running in parallel

```
analysis  
123456_1
```

```
analysis  
123456_2
```

```
analysis  
123456_3
```

```
analysis  
123456_4
```

```
analysis  
123456_5
```

```
analysis  
123456_6
```

```
analysis  
123456_7
```

```
analysis  
123456_8
```

Useful environment variables

SLURM_ARRAY_JOB_ID: the job array's ID (parent)

SLURM_ARRAY_TASK_ID: the id of the job array member n (child)

%A

%a