

Containers on IU supercomputers

Karst, Carbonate and Big Red II have the singularity package available which allows users to run docker or singularity images on the supercomputers. This can be a great way to run programs that are not installed on the supercomputers.

To use singularity, load the module

```
module add singularity
```

Then pull down an image. You can pull an image from dockerhub or singularity's hub.

```
singularity pull docker://julia:latest
```

Unlike docker, singularity creates a file that contains the image specification. To run the container use the image file generated by your pull command.

```
# singularity exec <local image> <cmd>  
singularity exec julia-latest.simg julia
```

For more information, please see the [singularity documentation](#).

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