

# JSON vs YAML

## JSON

```
{
  "sitecatalog": {
    "version": "4.0",
    "site": [
      {
        "handle": "local",
        "arch": "x86_64",
        "os": "LINUX",
        "directory": [
          {
            "type": "shared-scratch",
            "path": "/tmp/workflows/scratch",
            "file-server": {
              "operation": "all",
              "url": "file:///tmp/workflows
/scratch"
            }
          },
          {
            "type": "local-storage",
            "path": "/tmp/workflows/outputs",
            "file-server": {
              "operation": "all",
              "url": "file:///tmp/workflows
/outputs"
            }
          }
        ]
      },
      {
        "handle": "condor_pool",
        "arch": "x86_64",
        "os": "LINUX",
        "grid": [
          {
            "type": "gt5",
            "contact": "smarty.isi.edu/jobmanager-
pbs",
            "scheduler": "PBS",
            "jobtype": "auxillary"
          },
          {
            "type": "gt5",
            "contact": "smarty.isi.edu/jobmanager-
pbs",
            "scheduler": "PBS",
            "jobtype": "compute"
          }
        ],
        "directory": {
          "type": "shared-scratch",
          "path": "/lustre",
          "file-server": {
            "operation": "all",
            "url": "gsiftp://smarty.isi.edu/lustre"
          }
        },
        "replica-catalog": {
          "type": "LRC",
          "url": "rlsn://smarty.isi.edu"
        }
      },
      {
        "handle": "staging_site",
        "arch": "x86_64",
```

## YAML

```
sitecatalog:
  version: '4.0'
  site:
    - handle: local
      arch: x86_64
      os: LINUX
      directory:
        - type: shared-scratch
          path: "/tmp/workflows/scratch"
          file-server:
            operation: all
            url: file:///tmp/workflows/scratch
        - type: local-storage
          path: "/tmp/workflows/outputs"
          file-server:
            operation: all
            url: file:///tmp/workflows/outputs
    - handle: condor_pool
      arch: x86_64
      os: LINUX
      grid:
        - type: gt5
          contact: smarty.isi.edu/jobmanager-pbs
          scheduler: PBS
          jobtype: auxillary
        - type: gt5
          contact: smarty.isi.edu/jobmanager-pbs
          scheduler: PBS
          jobtype: compute
      directory:
        type: shared-scratch
        path: "/lustre"
        file-server:
          operation: all
          url: gsiftp://smarty.isi.edu/lustre
      replica-catalog:
        type: LRC
        url: rlsn://smarty.isi.edu
    - handle: staging_site
      arch: x86_64
      os: LINUX
      directory:
        type: shared-scratch
        path: "/data"
        file-server:
          - operation: put
            url: scp://obelix.isi.edu/data
          - operation: get
            url: http://obelix.isi.edu/data
```

```
"os": "LINUX",
"directory": {
  "type": "shared-scratch",
  "path": "/data",
  "file-server": [
    {
      "operation": "put",
      "url": "scp://obelix.isi.edu/data"
    },
    {
      "operation": "get",
      "url": "http://obelix.isi.edu/data"
    }
  ]
}
]
```