

# Node Data Service

The Node Data Service is a simple JSON web API that lives at each node within a SHRINE network. It serves the contents of the `metaData` section within `shrine.conf`, SHRINE's configuration file.

The Node Data service responds to three different GET commands:

1. `/ping`: Returns pong; this is primarily a test to see if the service is active.
2. `/data`: Returns all of the contents within the `metaData` section as JSON.
3. `/data?key=exampleKeyName`: Returns the configuration value that corresponds to 'exampleKeyName'. Replace 'exampleKeyName' with other key names to get the correct corresponding value.

For example, consider the following `shrine.conf` file:

## shrine.conf

```
shrine {
  metaData {
    hello = "world"
    five = 5
    count = ["one", "two", "three"]
  }
  .... More ....
}
```

Executing `curl "https://{path-to-metadata}/data?key=hello"` would result in the response **"world"**. Executing `curl "https://{path-to-metadata}/data"` results in the following response:

```
{
  "hello": "world",
  "five": 5,
  "count": ["one", "two", "three"]
}
```