
aria-tosca Documentation

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The documentation here includes reference for the various `aria` subcommands. For general usage, please refer to the documentation located at getcloudify.org.

Contents:

Commands

There are two flags that can be used for all operations:

- `--verbose` prints the traceback and prints the events in verbose mode (a full event json)
- `--debug` sets all loggers to debug mode.

Inputs and Parameters

All commands that accept inputs or parameters (e.g. “aria execute”) expect the value to represent a dictionary. Valid formats are:

- A path to the YAML file
- A string formatted as YAML
- A string formatted as “key1=value1;key2=value2”

1.1 aria

Manages ARIA in different Cloud Environments

```
usage: aria [-h] [--version]
           {execute,install-plugins,instances,init,create-requirements,outputs,validate}
           ...
```

Options:

--version show version information and exit

Sub-commands:

execute Execute a workflow locally

```
usage: aria execute [-h] [--allow-custom-parameters] [-p PARAMETERS]
                  [--task-retries TASK_RETRIES] -w WORKFLOW
                  [--task-thread-pool-size TASK_THREAD_POOL_SIZE]
                  [--task-retry-interval TASK_RETRY_INTERVAL] [-v] [--debug]
```

Options:

--allow-custom-parameters=False A flag for allowing the passing of custom parameters (parameters which were not defined in the workflow’s schema in the blueprint) to the execution

-p={}, --parameters={} Parameters for the workflow execution (formatted as YAML or as “key1=value1;key2=value2”)

--task-retries=0	How many times should a task be retried in case it fails
-w, --workflow	The workflow to execute locally
--task-thread-pool-size=1	The size of the thread pool size to execute tasks in
--task-retry-interval=1	How many seconds to wait before each task is retried
-v=False, --verbose=False	A flag for setting verbose output
--debug=False	A flag for setting debug output

install-plugins Installs the necessary plugins for a given blueprint

```
usage: aria install-plugins [-h] -p BLUEPRINT_PATH [-v] [--debug]
```

Options:

-p, --blueprint-path Path to a blueprint

-v=False, --verbose=False A flag for setting verbose output

--debug=False A flag for setting debug output

instances Display node instances

```
usage: aria instances [-h] [--node-id NODE_ID] [-v] [--debug]
```

Options:

--node-id	Only display node instances of this node id
-v=False, --verbose=False	A flag for setting verbose output
--debug=False	A flag for setting debug output

init Init a local workflow execution environment in in the current working directory

```
usage: aria init [-h] [--install-plugins] -p BLUEPRINT_PATH [-i INPUTS] [-v]
               [--debug]
```

Options:

```

--install-plugins=False  Install necessary plugins of the given blueprint.
-p, --blueprint-path    Path to a blueprint
-i, --inputs            Inputs file/string for the local workflow creation (formatted as
                           YAML or as "key1=value1;key2=value2")
-v=False, --verbose=False A flag for setting verbose output
--debug=False           A flag for setting debug output

```

create-requirements Creates a PIP compliant requirements file for the given blueprint

```
usage: aria create-requirements [-h] [-o REQUIREMENTS_OUTPUT] -p  
                               BLUEPRINT_PATH [-v] [--debug]
```

Options:

- o, --output** Path to a file that will hold the requirements of the blueprint
- p, --blueprint-path** Path to a blueprint
- v=False, --verbose=False** A flag for setting verbose output
- debug=False** A flag for setting debug output

outputs Display outputs

usage: aria outputs [-h] [-v] [--debug]

Options:

-v=False, --verbose=False A flag for setting verbose output

--debug=False A flag for setting debug output

validate command for validating a blueprint

usage: aria validate [-h] -p BLUEPRINT_FILE [-v] [--debug]

Options:

-p, --blueprint-path Path to the application's blueprint file

-v=False, --verbose=False A flag for setting verbose output

--debug=False A flag for setting debug output

Indices and tables

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- `modindex`
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