aria-tosca Documentation

Release 0.5

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Contents

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

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CHAPTER 1

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 paramaters (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 Set verbose output

--debug=False Set 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 Set verbose output

--debug=False Set 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 Set verbose output

--debug=False Set 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 Set verbose output

--debug=False Set 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 Set verbose output

--debug=False Set debug output

outputs Display outputs

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

Options:

-v=False, --verbose=False Set verbose output

--debug=False Set 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 Set verbose output

--debug=False Set debug output

CHAPTER 2

Indices and tables

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