



DOMINO API DOCUMENTATION

Release draft (743ecd1)

OPNFV

June 01, 2016

CONTENTS

1	Using domino-cli Client	3
2	Interactive CLI mode	5
3	Indices and tables	7



Contents:



USING DOMINO-CLI CLIENT

Make sure that domino-cli.py is in +x mode.

Change directory to where domino-cli.py is located or include file path in the PATH environment variable

- Registration Command

Command line input:

```
./domino-cli.py register
```

This message has the following fields that are automatically filled in.

```
Message Type (= REGISTER)
DESIRED UDID (= if not allocated, this will be assigned as Unique Domino ID)
Sequence Number (=incremented after each RPC call)
IP ADDR (= IP address of DOMINO Client to be used by DOMINO Server for future RPC Calls to this client)
TCP PORT (= TCP port of DOMINO Client to be used by DOMINO Server for future RPC Calls to this client)
Supported Templates (= Null, this field not used currently)
```

- Heart Beat Command

Command line input:

```
./domino-cli.py heartbeat
```

This message has the following fields that are automatically filled in.

```
Message Type (= HEART_BEAT)
UDID (= Unique Domino ID assigned during registration)
Sequence Number (=incremented after each RPC call)
```

- Label and Template Type Subscription Command

```
./domino-cli.py subscribe -l <labelname> -t <templatetype>
```

Note that -l can be substituted by -label and -t can be substituted by -ttype.

To subscribe more than one label or template type, one can repeat the options -l and -t, e.g.:

```
./domino-cli.py subscribe -l <label1> -l <label2> ... -l <labeln> -t <ttype1> -t <ttype2> ... -t <ttype2>
```

It is safe to call subscribe command multiple times with duplicate labels.

This message has the following fields that are automatically filled in.

```
Message Type (= SUBSCRIBE)
UDID (= Unique Domino ID assigned during registration)
Sequence Number (=incremented after each RPC call)
```

```
Template Operation (= APPEND)
Label Operation (= APPEND)
```

The following fields are filled in based on arguments passed on via `-l/-label` and `-t/-ttype` flags

```
Supported Template Types
Supported Labels
```

- **Template Publishing Command**

```
./domino-cli.py publish -t <toscafile>
```

Note that `-t` can be substituted by `-tosca-file`.

If `-t` or `-tosca-file` flag is used multiple times, the last `tosca` file passed as input will be used. This usage is not recommended as undefined/unintended results may emerge as the Domino client will continue to publish.

This message has the following fields that are automatically filled in.

```
Message Type (= SUBSCRIBE)
UDID (= Unique Domino IDassigned during registration)
Sequence Number (=incremented after each RPC call)
Template Type (= TOSCA)
Template File
```


INTERACTIVE CLI MODE

Revision:

Build date: June 01, 2016

INDICES AND TABLES

- search

Revision:

Build date: June 01, 2016