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# **nukeuuid Documentation**

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# CHAPTER 1

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## Installation

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To install `nukeuuid`, type:

```
$ pip install nukeuuid
```

Open Nuke's `init.py` file and add:

```
nuke.pluginAddPath('/path/to/your/local/python/site-packages')
```





## CHAPTER 2

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### Getting Started

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To get started with `nukeuuid`, type in the Nuke Script Editor:

```
import nukeuuid
```

Define a dictionary of UUIDs to be set, with the keys defining the UUID name and the values defining the UUID values.

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**Note:** The empty string as a key will evaluate to the default UUID name `uuid`.

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```
kw = {'': 'fca7201e-b53d-4918-9ab0-bb4ec5590f3c',  
      'utility': '5f2d525d-3e00-4bc5-88c4-794ad87f5699'}
```

To create and set the UUID attributes on a node (or a list of nodes), type:

```
nukeuuid.set_uuid(node, **kw)
```

To retrieve all nodes matching a specific UUID pattern, type:

```
kw = {'': 'fca7201e-b53d-4918-9ab0-bb4ec5590f3c',  
      'utility': '5f2d525d-3e00-4bc5-88c4-794ad87f5699'}  
matched_nodes = nukeuuid.get_nodes(**kw)
```



The `nukeuuid` API is very simple and consists of two main functions, a UUID setter and a node getter.

`nukeuuid.set_uuid()`

Given a list of nodes and a set of keyword arguments `kwargs`, set UUID(s) on nodes.

### Parameters

- **nodes** (*list*) – Nodes
- **\*\*kwargs** – UUID dictionary

Usage:

```
>>> import nukeuuid
>>> kw = {'': 'fca7201e-b53d-4918-9ab0-bb4ec5590f3c',
         'utility': '5f2d525d-3e00-4bc5-88c4-794ad87f5699'}
>>> nukeuuid.set_uuid(nuke.selectedNodes(), **kw)
```

`nukeuuid.get_nodes()`

Given a set of keyword arguments `kwargs`, get all nodes that match the UUID pattern. Raise `NukeUUIDError` if no nodes were matched.

**Parameters** **\*\*kwargs** – UUID dictionary

Usage:

```
>>> import nukeuuid
>>> kw = {'': 'fca7201e-b53d-4918-9ab0-bb4ec5590f3c',
         'utility': '5f2d525d-3e00-4bc5-88c4-794ad87f5699'}
>>> nodes = nukeuuid.get_nodes(**kw)
```



## CHAPTER 4

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### Indices and tables

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- `modindex`
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