

DSL Module

- `node-kw-cfg()`
- `node-defaults-cfg()`
- `new-dsl()`

node-kw-cfg

Create a configuration for renaming standard node fields.

Parameters

```
node-kw-cfg(  
    rename-kind: str,  
    rename-args: str,  
    rename-kwargs: str,  
    rename-children: str  
) -> dictionary
```

rename-kind `str`

The new name for the 'kind' field.

Default: `none`

rename-args `str`

The new name for the 'args' field.

Default: `none`

rename-kwargs `str`

The new name for the 'kwargs' field.

Default: `none`

rename-children `str`

The new name for the 'children' field.

Default: `none`

node-defaults-cfg

Create a configuration defining the default values of standard node fields.

Parameters

```
node-defaults-cfg(  
    default-args: array,  
    default-kwargs: dictionary,  
    default-children: array  
) -> dictionary
```

default-args `array`

The default value for the 'args' field.

Default: `none`

default-kwargs `dictionary`

The default value for the 'kwargs' field.

Default: `none`

default-children `array`

The default value for the 'children' field.

Default: `none`

new-dsl

Create a new DSL configuration.

Parameters

```
new-dsl(  
  node-kw-cfg: dictionary,  
  node-defaults-cfg: dictionary  
) -> dictionary
```

node-kw-cfg `dictionary`

Configuration for renaming standard node fields. See `node-kw-cfg()`.

Default: `none`

node-defaults-cfg `dictionary`

Configuration defining the default values of standard node fields. See `node-defaults-cfg()`.

Default: `none`

Schema Module

- `node-schema()`

Variables

- `schema-versions`
- `node-kw-schema`
- `node-defaults-schema`
- `kind-schema`
- `dsl-schema`

`node-schema`

Node schema. Nodes are the fundamental building blocks of the DSL. They represent individual elements or constructs within the DSL.

Parameters

`node-schema(kind: str) -> dictionary`

kind `str`

The kind of node. This is a required field and must be a non-empty string. See `kind-schema` for additional details.

schema-versions `dictionary`

Schema versions for different configuration schemas. Potentially unused, but useful for future-proofing and working with libraries that update their schemas.

node-kw-schema `dictionary`

Node keyword name configuration schema. Allows renaming of standard node fields.

node-defaults-schema `dictionary`

Node value defaults configuration schema. Allows changing the default values for standard node fields.

kind-schema `dictionary`

Kind schema. Defines a specific kind of node within the DSL. Each kind has a unique name, a constructor function, and an evaluation function.

dsl-schema **dictionary**

DSL configuration schema. This schema defines the overall configuration for the DSL, including options for node keyword renaming and default values, as well as the definitions of various node kinds.