
routedsl

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```
pip install routeds1
```

Compose everything in one place

```
from routeds1 import *

routes = Routes() (
    GET / 'users' / ('user_id', User, "User identifier")
        | HEADERS | Headers
        | RETURNS | JSON [ User ]
        | HANDLER | get_user_info
        | GUARDS  | ( Headers.content_type | IS | 'application/json'
                    )
        | DOCS    | """Get a user profile in JSON format"""
) (
    POST / 'users' / ('user_id', User)
        | HEADERS | Headers
        | PAYLOAD | JSON [ User ]
        | RETURNS | OK [ JSON [ bool ] ]
        | HANDLER | update_user_info
)
)
```

or define pieces separately, then assemble your routing map:

```
DefaultHeaders = HEADERS | Headers
DefaultHandler  = HANDLER | default_handler

DefaultEndpoint = ( GET / DefaultHeaders
                    | DefaultHandler )

routes = Routes() | DefaultEndpoint
```

Use nesting under common prefix

```
routes = (routes / 'users' / ('user_id', User)) (
    POST / 'edit'
        | HEADERS | Headers
        | RETURNS | JSON [ User ]
        | HANDLER | update_user_info
)
)
```


MATCHING ROUTES

TODO

INDICES AND TABLES

- `genindex`
- `modindex`
- `search`