

Node with Express in TypeScript

Flow

1. Endpoint: **/api**

Base of the API URL, each request will pass through this route and then will be directed towards router middle-ware which will further direct the route to either v1 or v2 depending upon what is passed in the endpoint.

Example: the router will direct request to v2 if /api/v2 is called, similarly for v1

2. Endpoint: **/api/v1/parse**

This endpoint will take the request and give a response depending upon the function that is inside it. The interfaces are also linked and the response will be of the data type defined in interface.

Request (demo)

```
// Request Body
{
  "data": "TEST0000USER0009994567"
}
```

Response

```
// Interface
interface Response {
  firstName: string;
  lastName: string;
  clientId: string;
}
// Final Response
{
  statusCode: 200,
  result: Response,
}
```

Lifecycle

