

LU01.A04 - Installation and Configuration POSTMAN Frontend Simulation

Prerequisites

- Work type: Individual
- Timeframe: 20 Minutes
- Expected result: Correct installed MySQL database including operational test

Means of aid

Source	Link
Download-Link	POSTMAN.COM
Video-Tutorial Deutsch: API-Entwicklung mit POSTMAN	5_minuten_-_api-entwicklung_mit_postman-1.mp4

Introduction

Postman is a popular API development tool that enables developers, testers, and product managers to design, test, and debug APIs easily. It offers a user-friendly interface with tools for creating and managing requests, analyzing responses, and automating workflows.

The screenshot shows the Postman application interface. At the top, there's a header bar with 'GET Postman API' and a status indicator. Below it is a navigation bar with 'HTTP Postman API / Postman API' and various icons. The main area has a 'Send' button and a 'Params' tab selected. A table below shows two query parameters: 'id' and 'type'. The 'Body' tab is also visible. At the bottom, the response is displayed in a 'JSON pretty' tab, showing a JSON object with 'args' and 'headers' fields.

Key	Value	Description	Bulk Edit
id	123		
type	VIP		

```

1   "args": {
2     "id": "123",
3     "type": "VIP"
4   },
5   "headers": {
6     "x-forwarded-proto": "https",
7     "x-forwarded-port": "443".
8

```

Assignments

1. Go to the POSTMAN website and download the required software version.
2. Start the installation process.
3. Once the installation is complete, start the application and study the possibilities, as marked in the following image.

The screenshot shows the Postman application interface. On the left, there's a sidebar with 'My Workspace' containing collections like 'FirstConnection' and environments like 'post contactDB'. The main area shows a 'FirstConnection' collection with a single GET request to 'http://localhost:3000/'. The request URL is highlighted with a red oval. The response status is '404 Not Found' with a timestamp of '6 ms'. The response body is displayed in a code editor with syntax highlighting, showing an HTML error page with the message 'Cannot GET /'. Several UI elements are circled in red: the request URL in the header, the 'Send' button, the response status, and the response body content.

Further Video Tutorials English

Source	Link
Video-Tutorial English 1: Introduction	postman_beginner_tutorial_1_-_introduction_what_is_postman.mp4
Video-Tutorial English 2: Understanding POSTMAN UI	postman_beginner_tutorial_2_-_understanding_postman_ui.mp4
Video-Tutorial English 3: First API Requests	postman_beginner_tutorial_3_-_how_to_create_first_api_request.mp4
Video-Tutorial English 4: Collections	postman_beginner_tutorial_4_-_what_is_collection_how_to_create_collections.mp4

Source	Link
Video-Tutorial English 5: Collections 2	postman_beginner_tutorial_5_-_how_to_run_collections_collection_runner_.mp4
Video-Tutorial English 6: Variables	postman_beginner_tutorial_6_-_variables_how_to_create_and_refer.mp4
Video-Tutorial English 7: SET and GET	postman_beginner_tutorial_7_-_how_to_set_and_get_variables_through_scripting.mp4
Video-Tutorial English 8: SET and GET 2	postman_beginner_tutorial_8_-_get_and_set_variables_with_scripts.mp4
Video-Tutorial English 9: Quick Scripts	postman_beginner_tutorial_9_-_how_to_create_quick_scripts.mp4
Video-Tutorial English 10: First TEST	postman_beginner_tutorial_10_-_how_to_create_first_test.mp4
Video-Tutorial English 11: DEBUG	postman_beginner_tutorial_11_-_how_to_debug.mp4
Video-Tutorial English 12: Commandline	postman_beginner_tutorial_12_-_how_to_run_from_command_line_newman_.mp4

Solution

Lösung

Vocabulary

English	German
prerequisites	Voraussetzungen



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