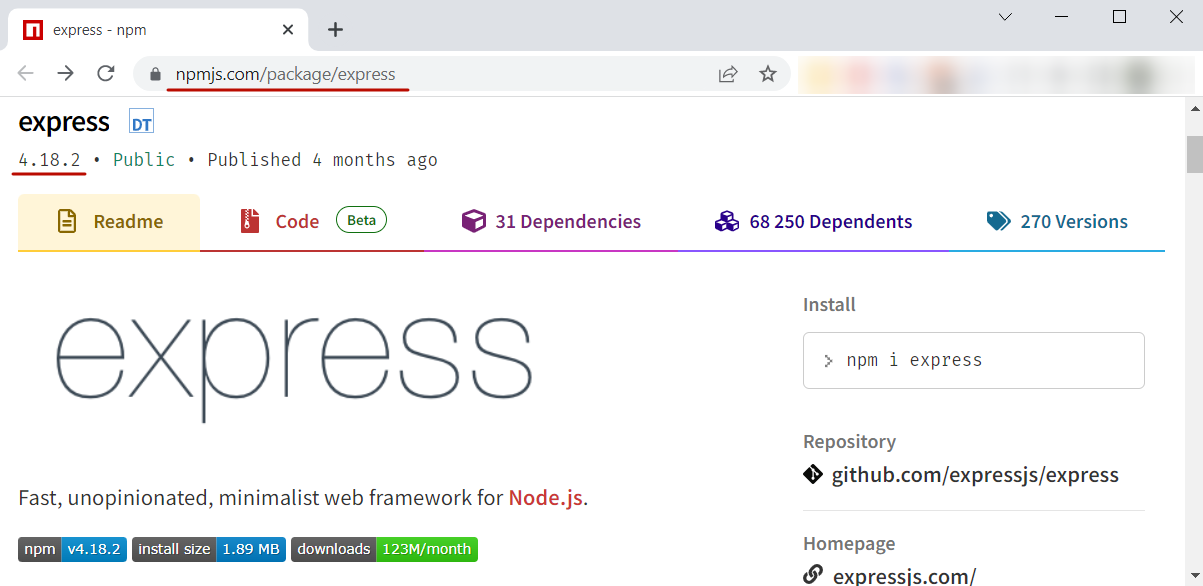
Лекция 18

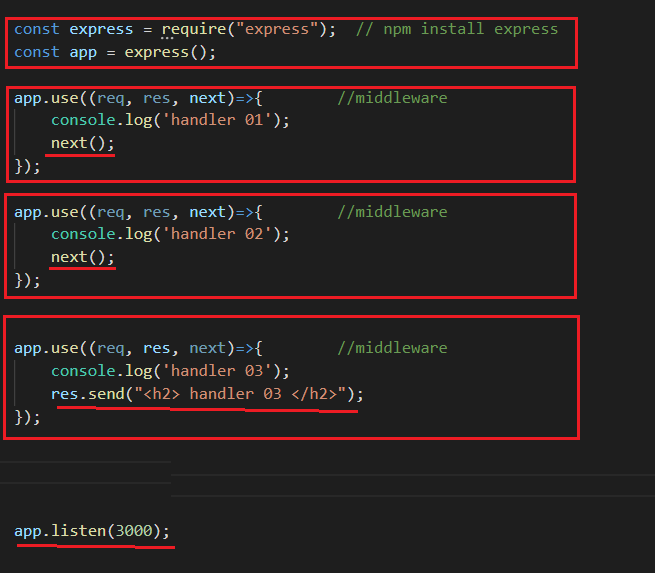
ПСКП, ПОИТ-3

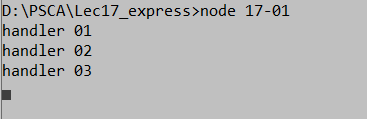
**Node.js: Express**

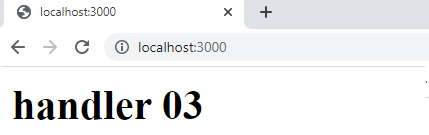
1. **Express:** это веб-фреймворк, который предоставляет ряд готовых абстракций и упрощает создание сервера.



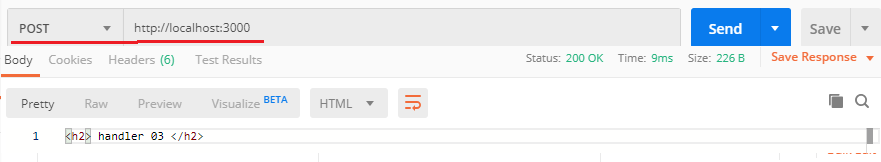
1. **Express:** документация:https://expressjs.com/ru/4x/api.html
2. **Express:** <https://metanit.com/web/nodejs/4.1.php>
3. **Express:** require(express), listen, middleware, next, send



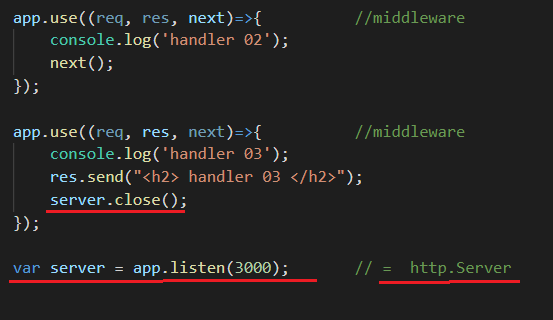




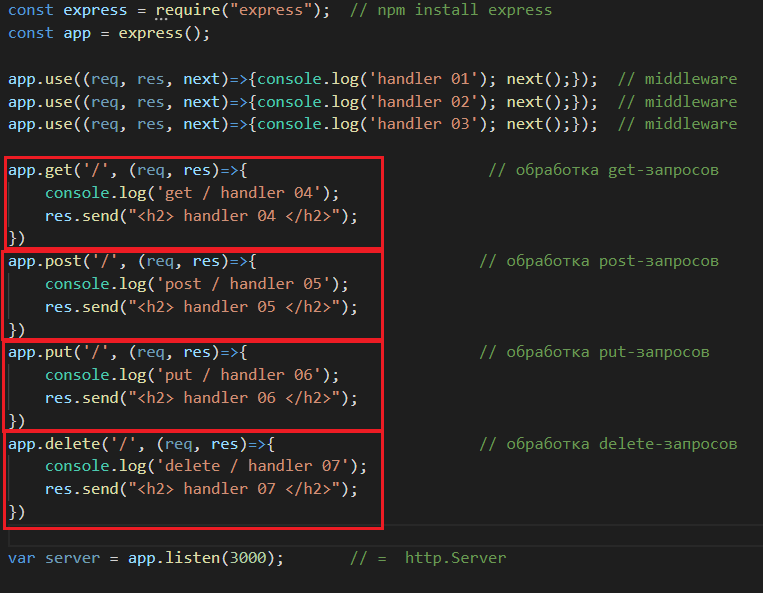
1. **Express:** POST, PUT, DELETE

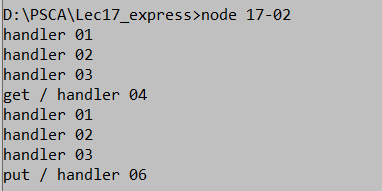
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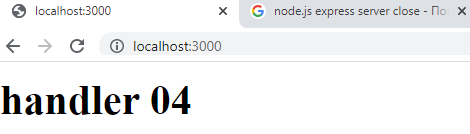
1. **Express:** server**.**close

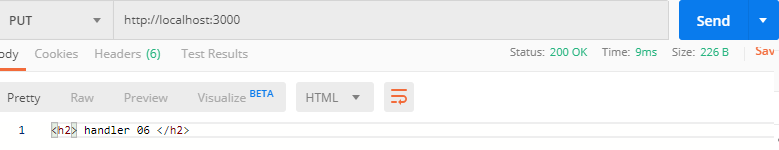
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1. **Express:** routing, get/post/put/delete-response

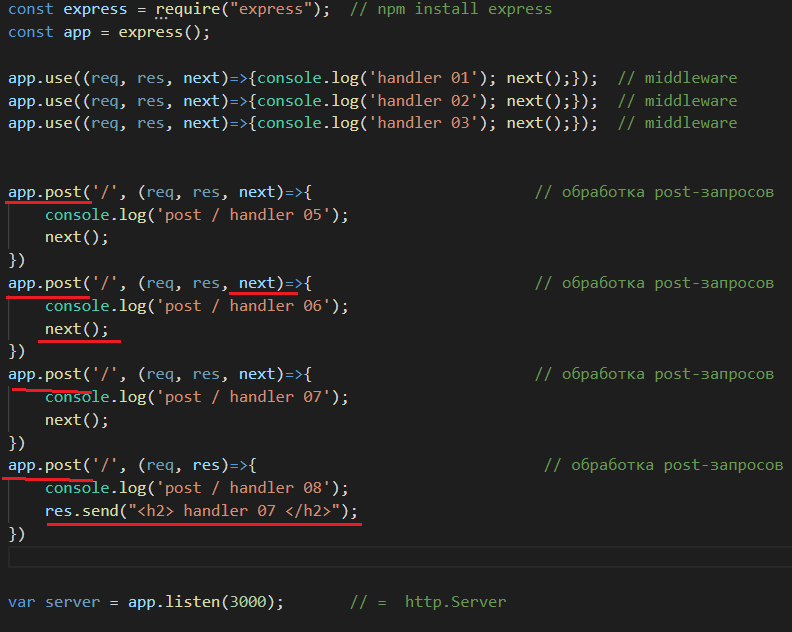
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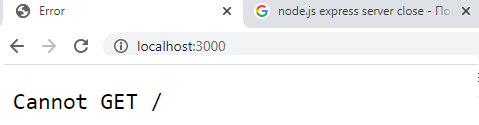
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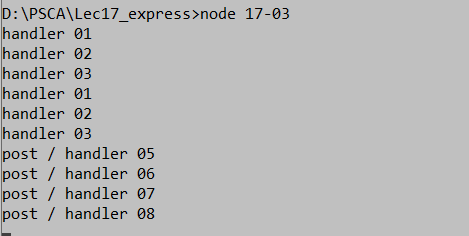
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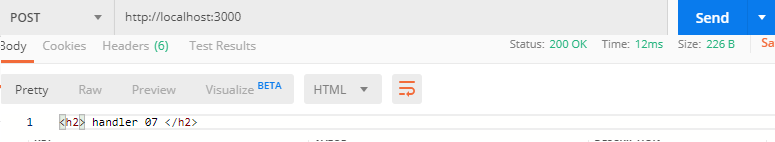
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1. **Express:** редкоиспользуемый метод **app[‘method\_name’]**(‘/’,..)
2. **Express:** routing/middleware, get/post/put/delete-response

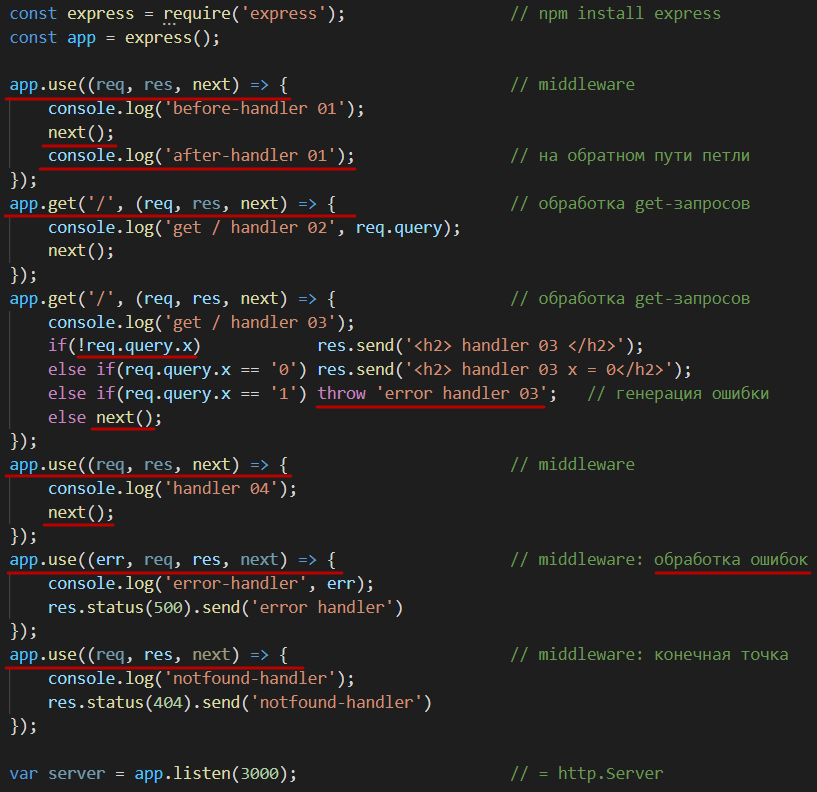
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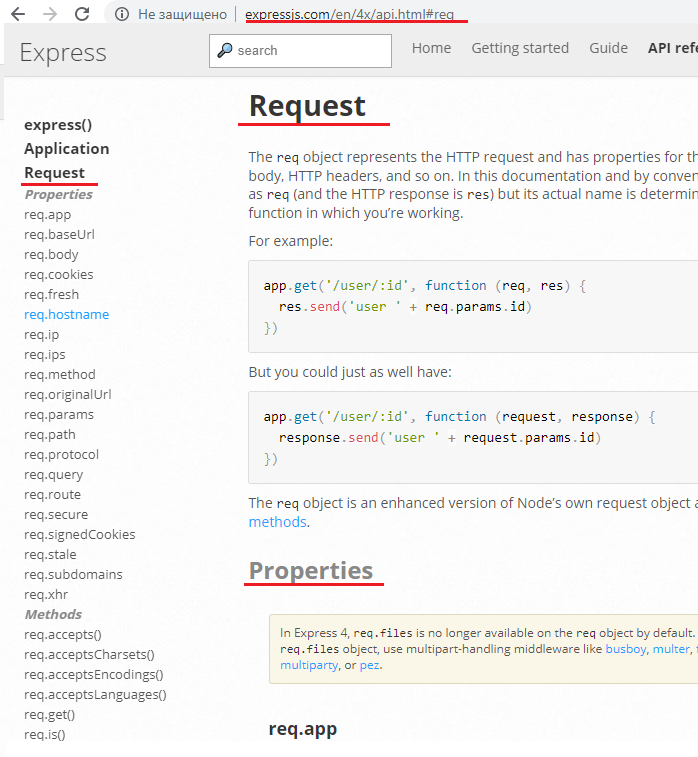
1. **Express:** конвейер



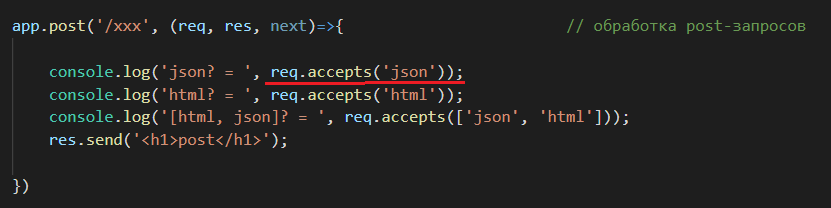
|  |  |  |
| --- | --- | --- |
| **Method** | **Path** | **Result** |
| GET | / | **Console:**    **Response:** |
| GET | /?x=0 | **Console:**    **Response:** |
| GET | /?x=1 | **Console:**    **Response:** |
| GET | /?x=2 | **Console:**    **Response:** |
| POST | / | **Console:**    **Response:** |

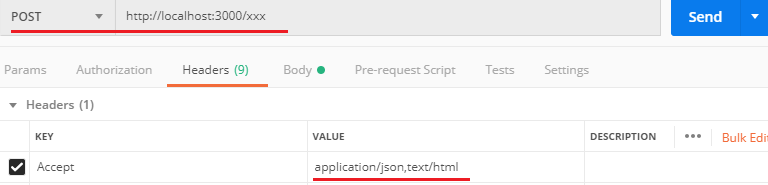
1. **Express:** объект request, свойства объекта request

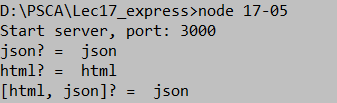
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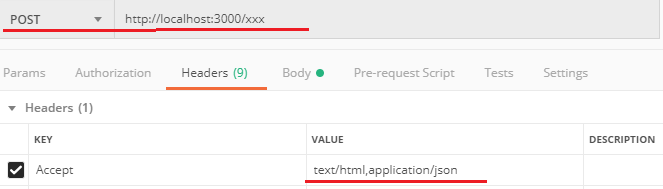
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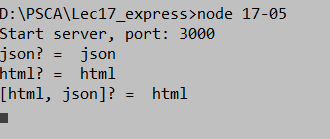
1. **Express:** объект request, методы объекта request

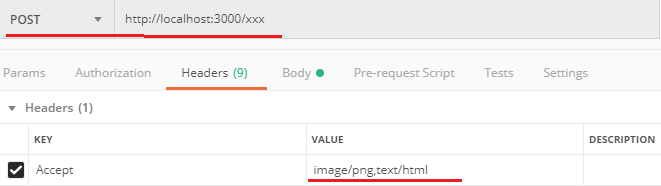
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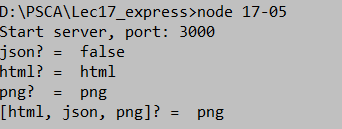
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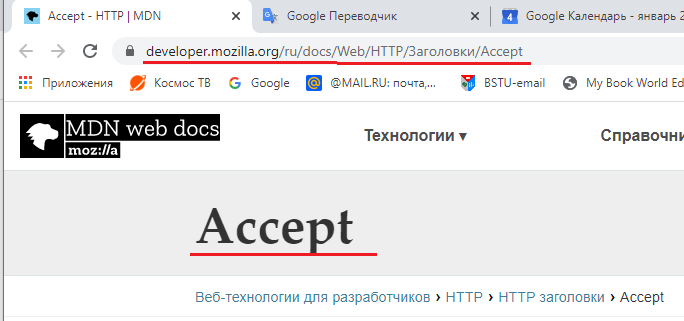
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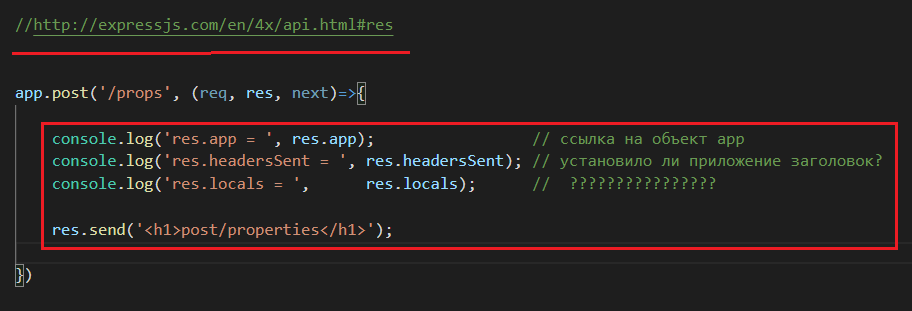
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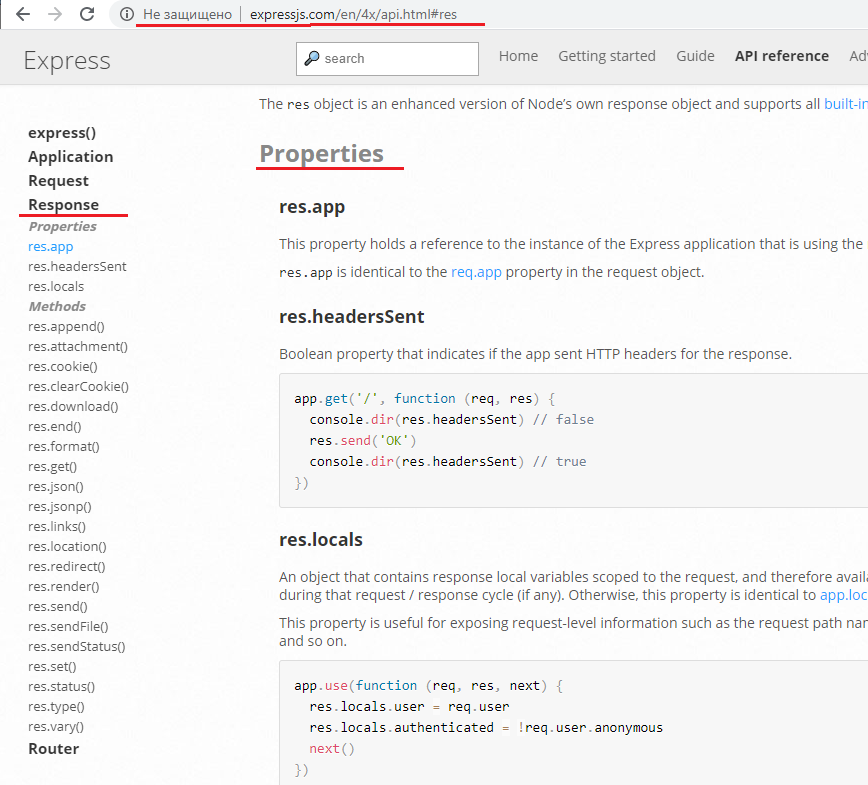
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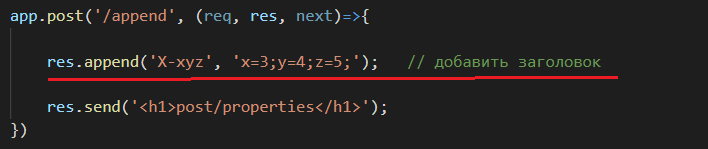
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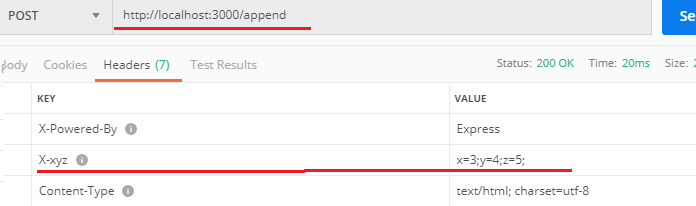
1. **Express:** объект response, свойства объекта response

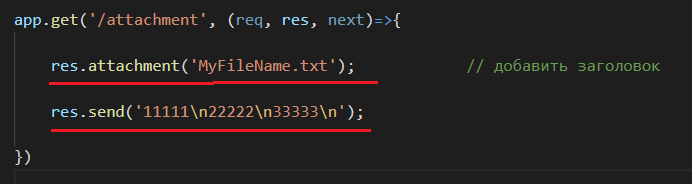
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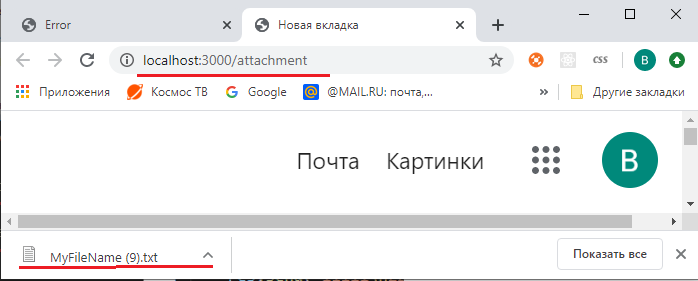
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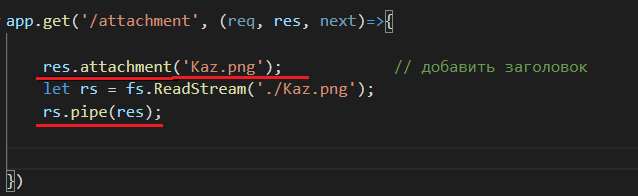
1. **Express:** объект response, методы объекта response

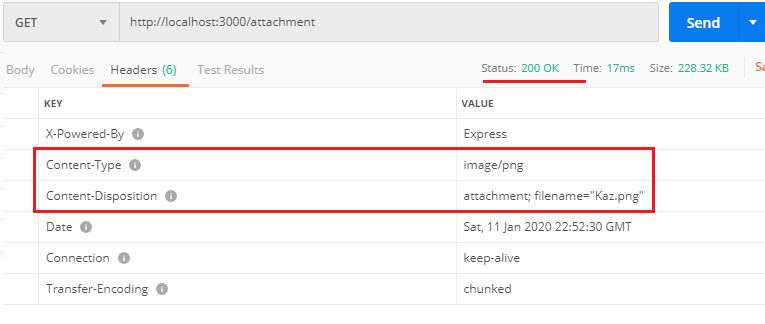
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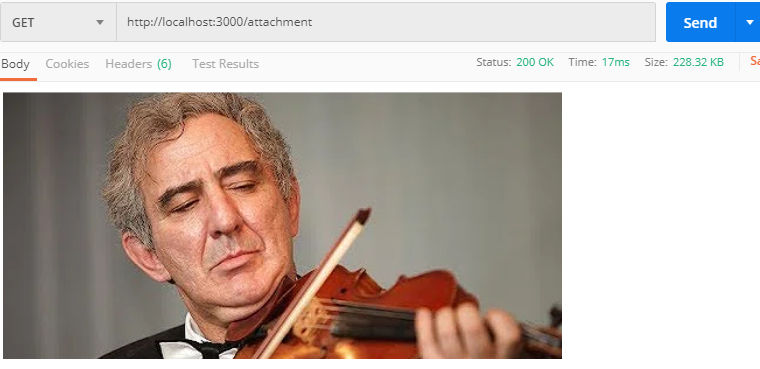
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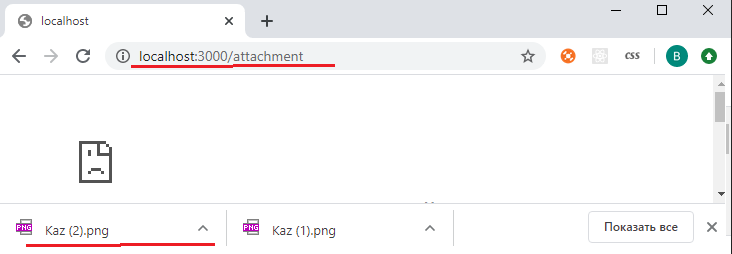
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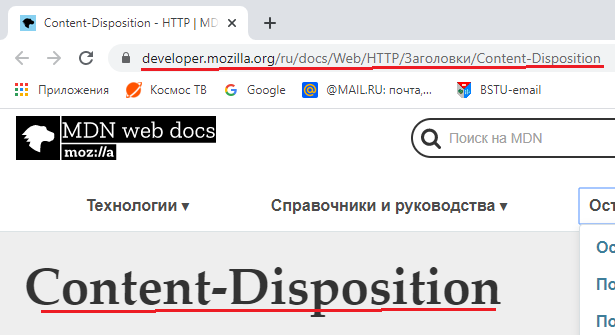
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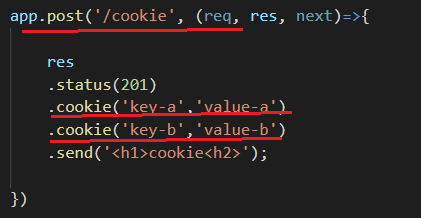
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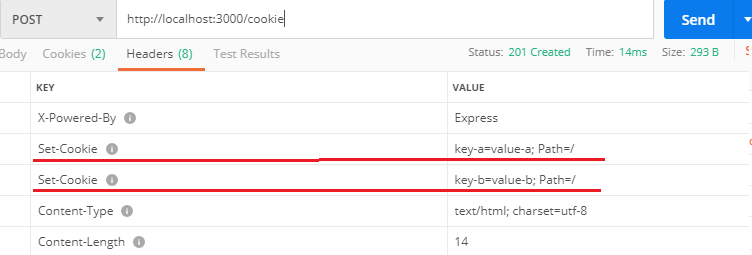
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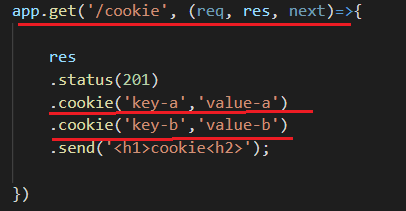
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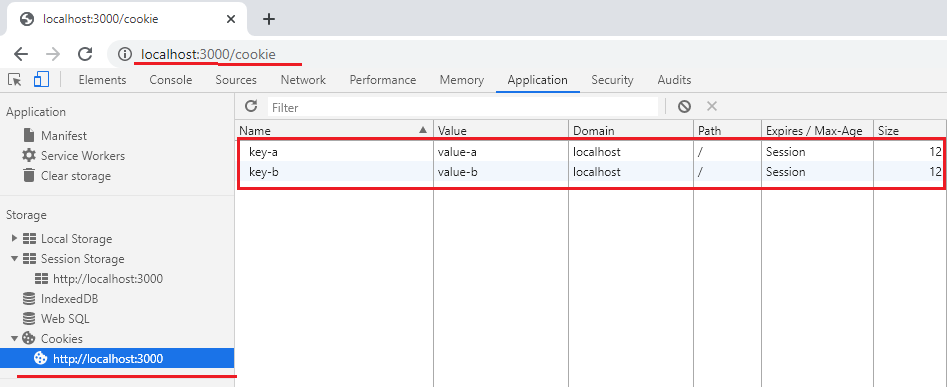
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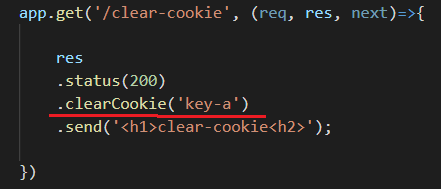
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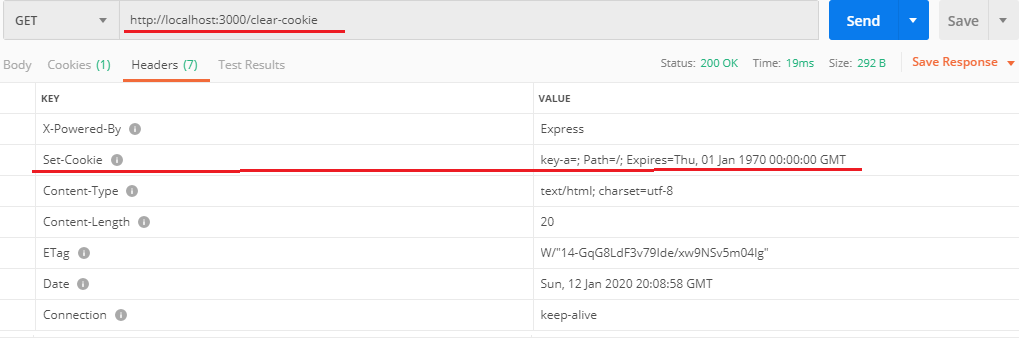
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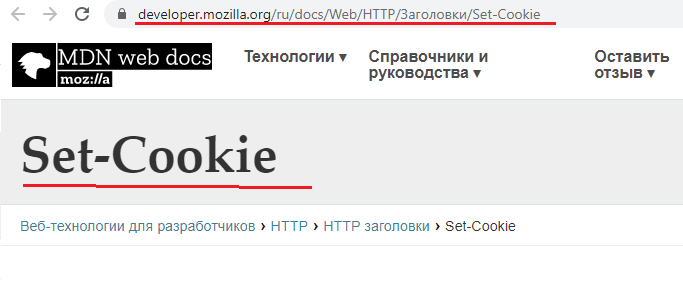
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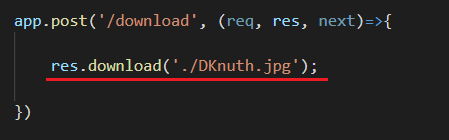
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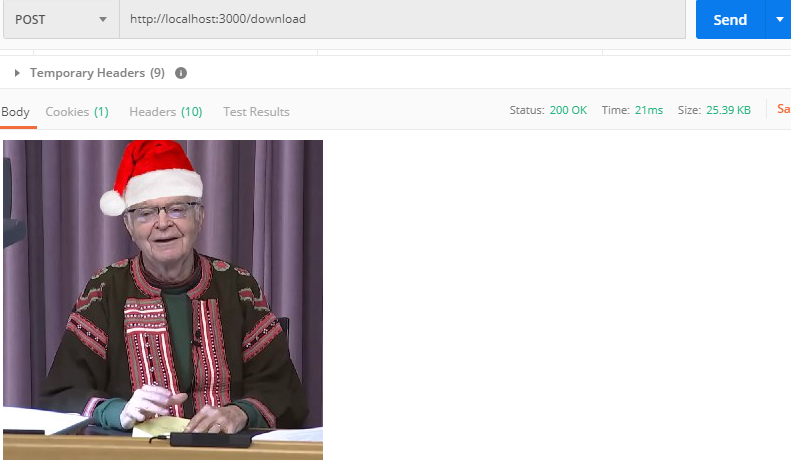
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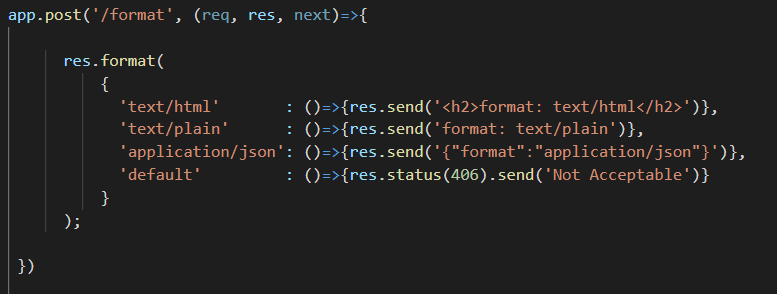
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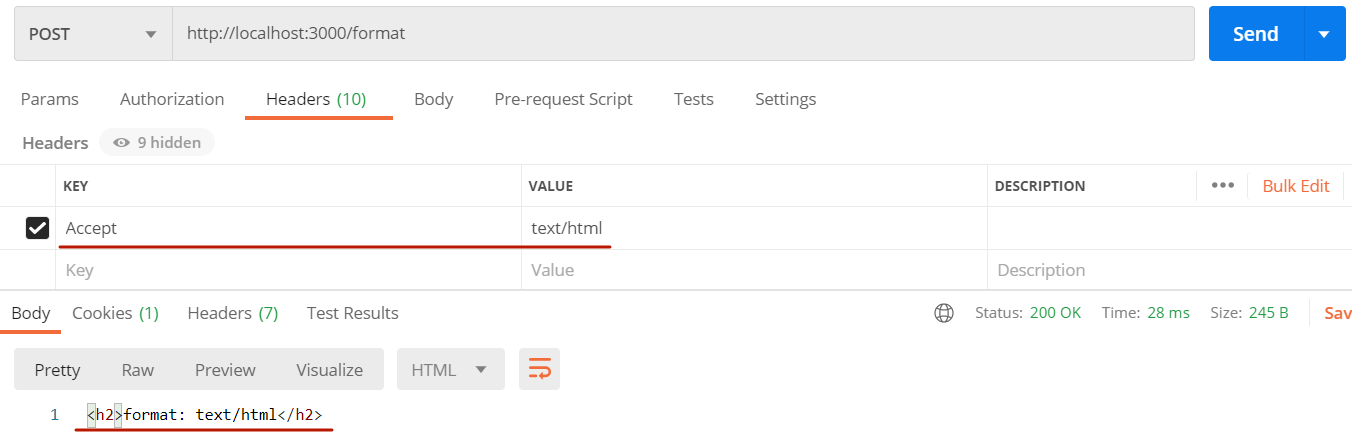
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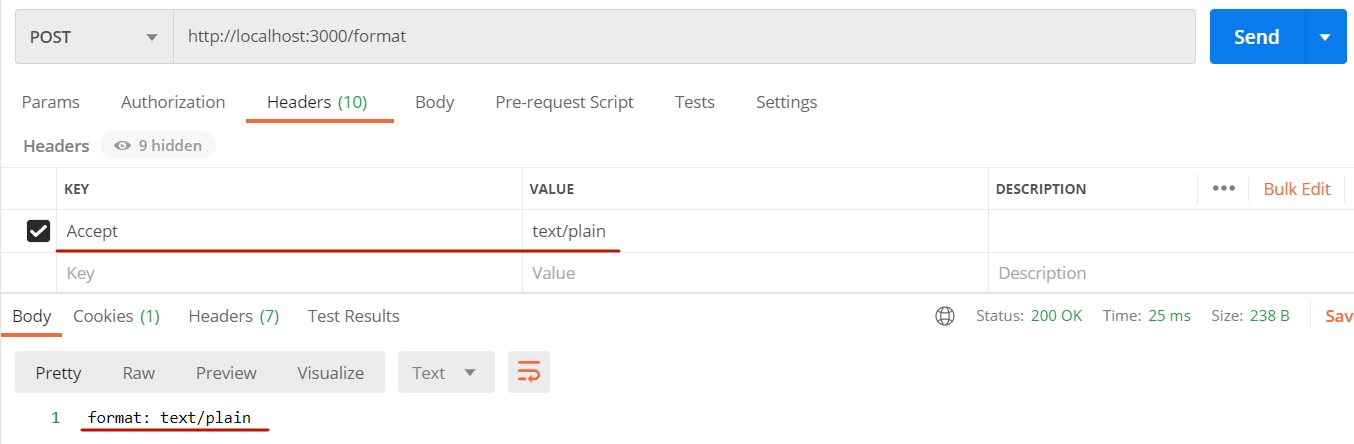
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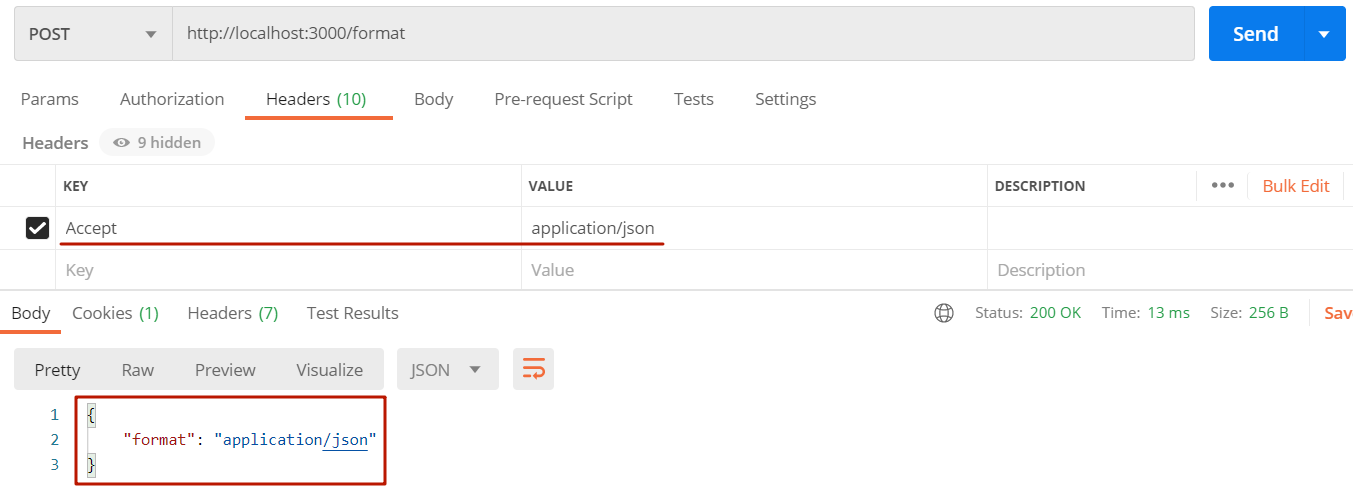
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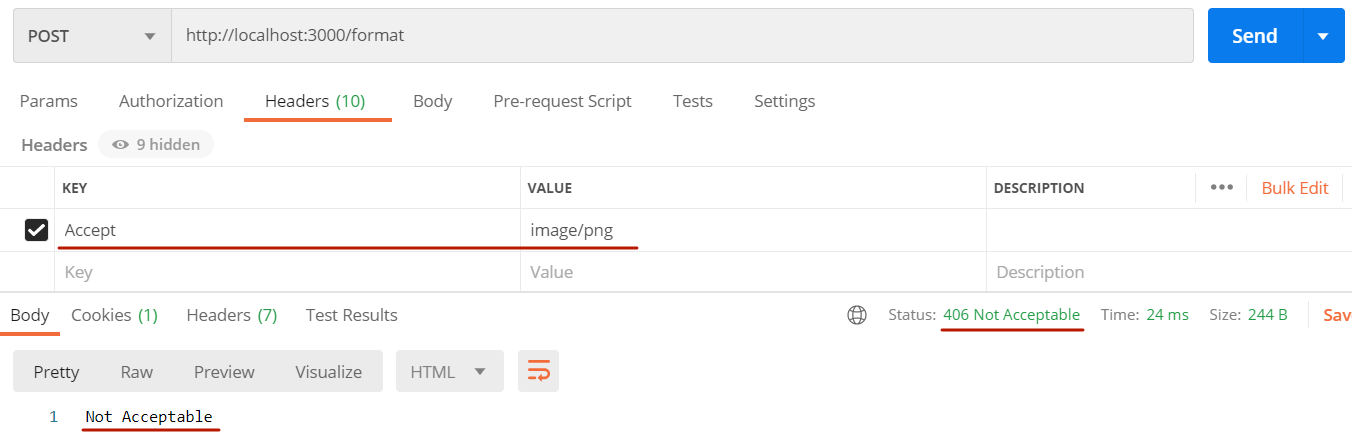
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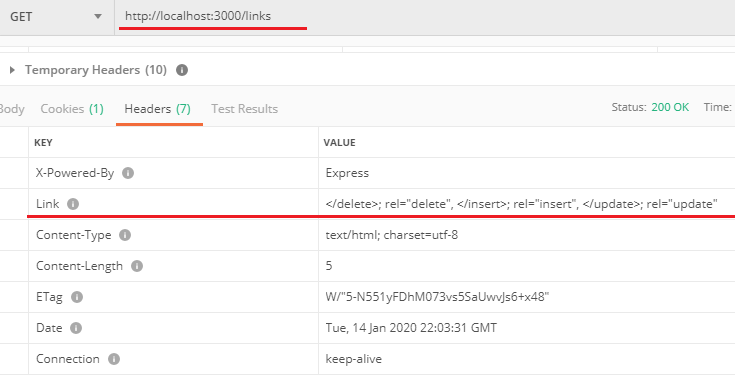


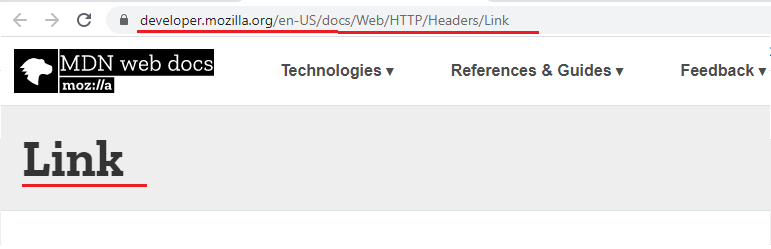


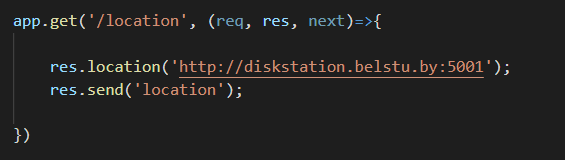


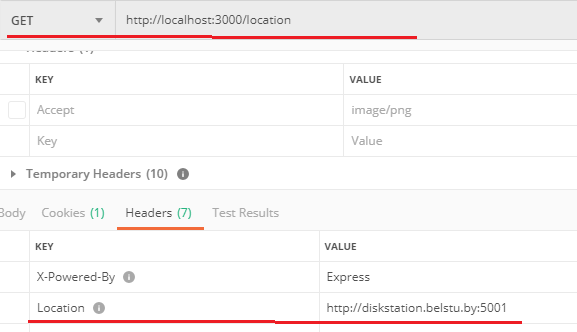


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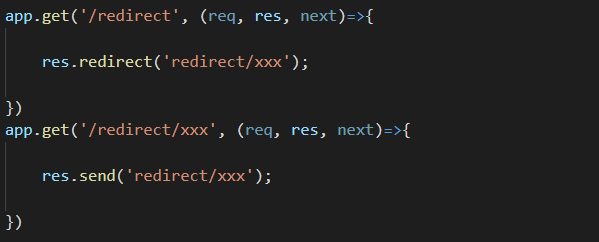
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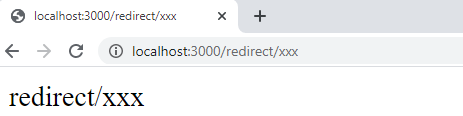
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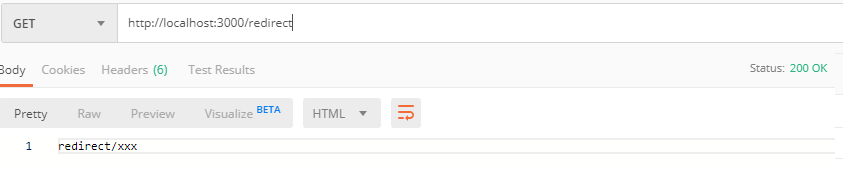
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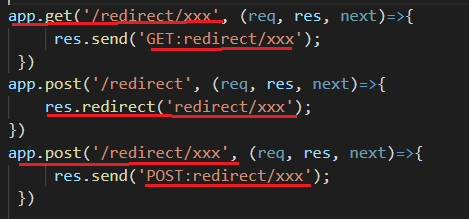
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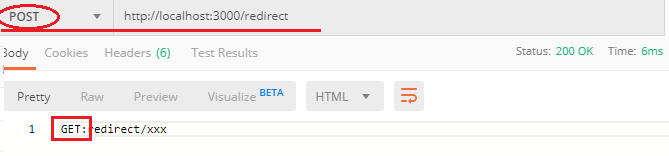
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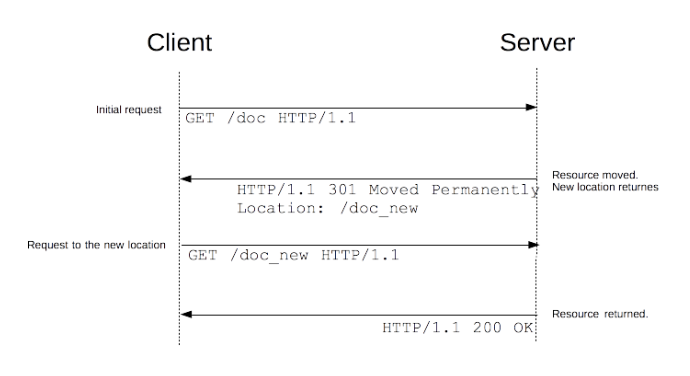
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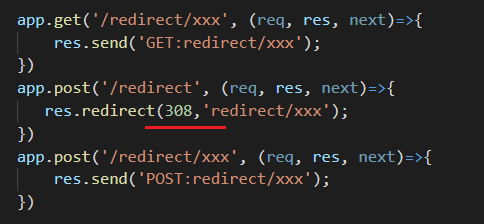
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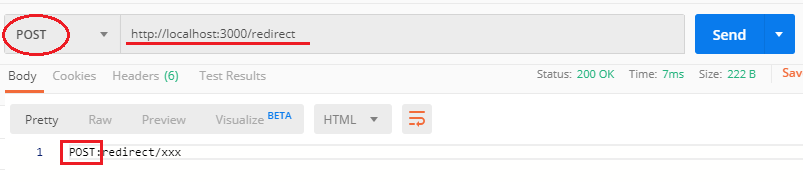
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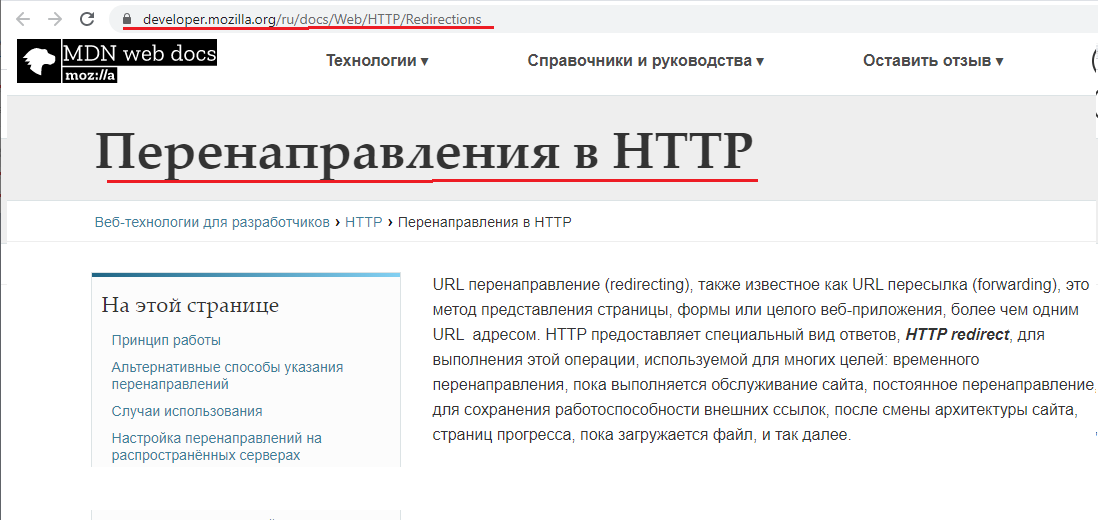
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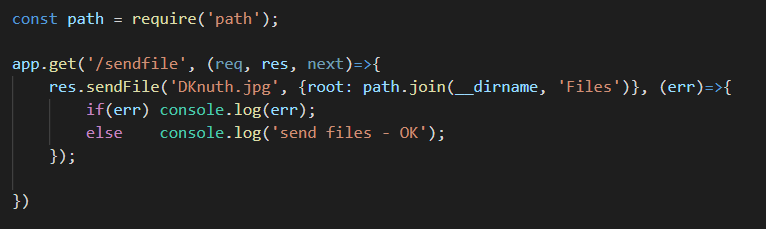
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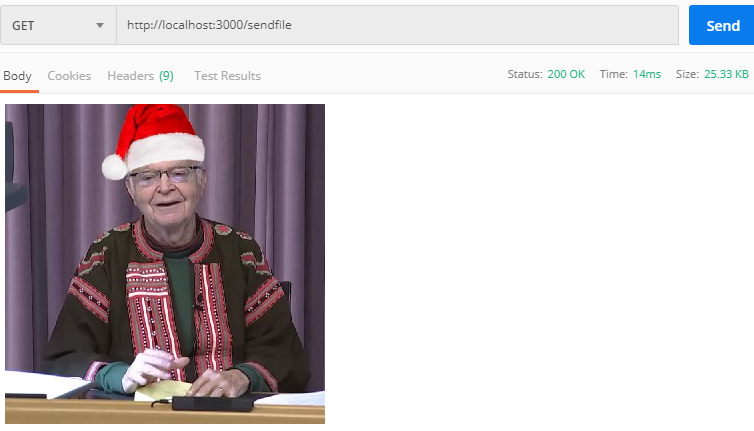
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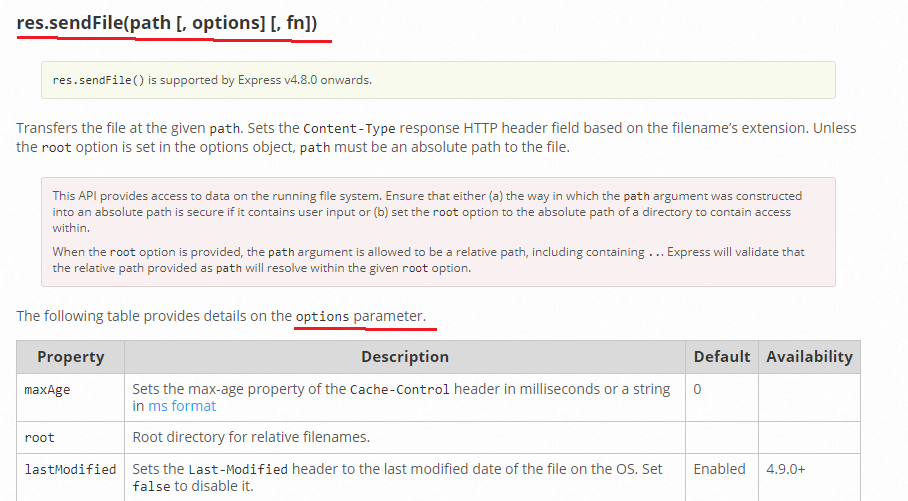
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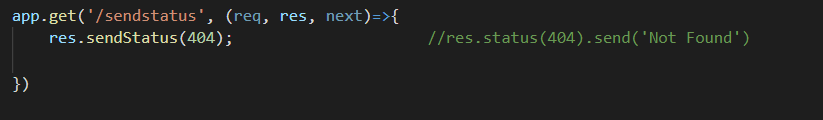
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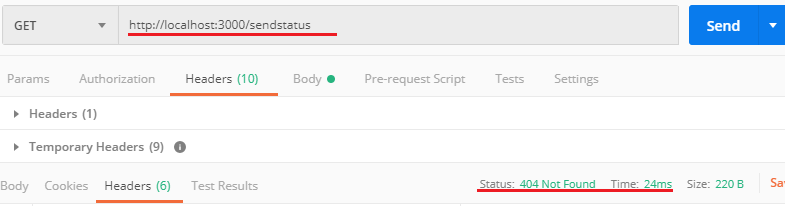
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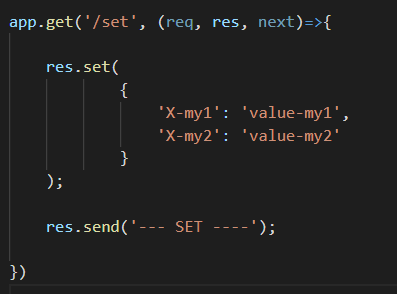
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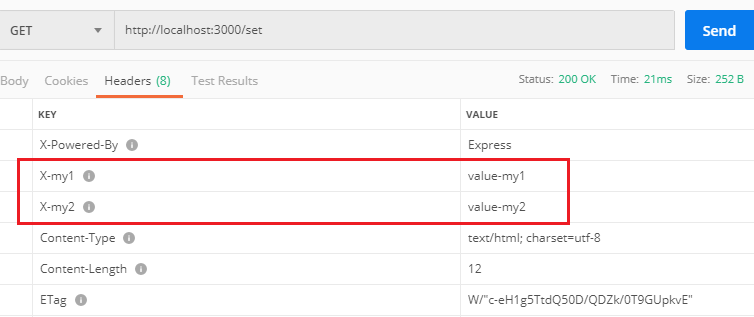
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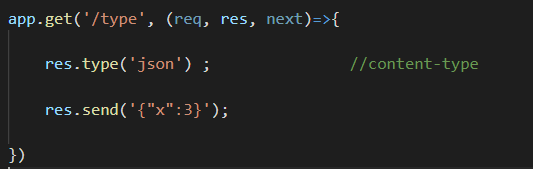
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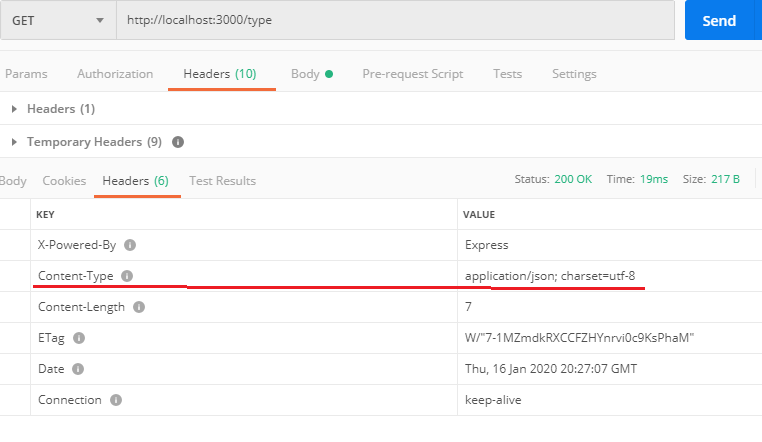
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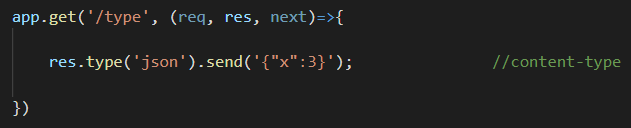
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