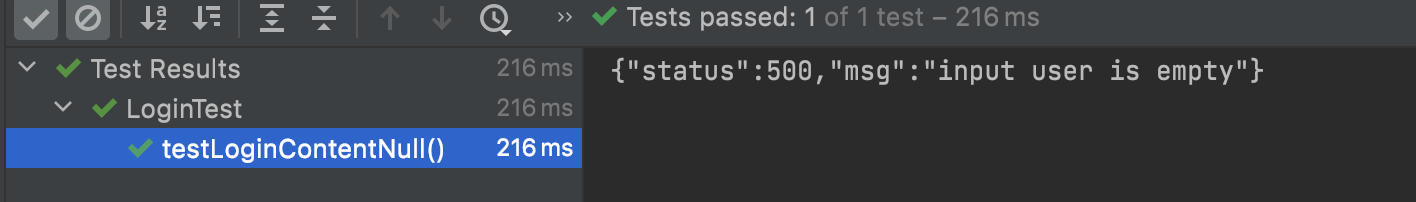
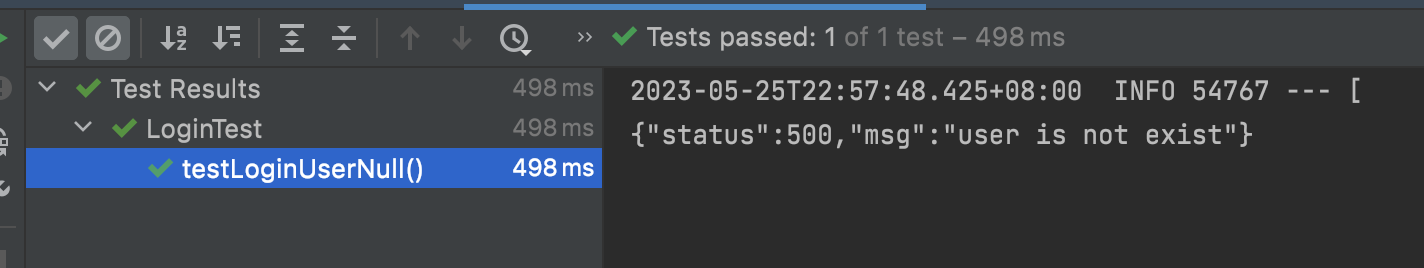
Test Case

1. Login Test

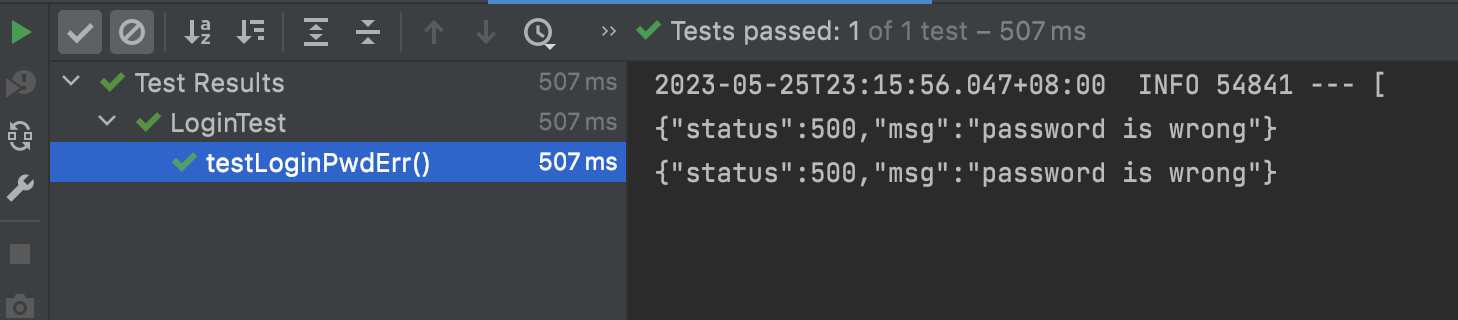
|  |  |  |
| --- | --- | --- |
| Test Case | User is Null | |
| Input | Expected | Actual |
| User(null) | {"status":500,"msg":"input user is null"} | {"status":500,"msg":"input user is null"} |



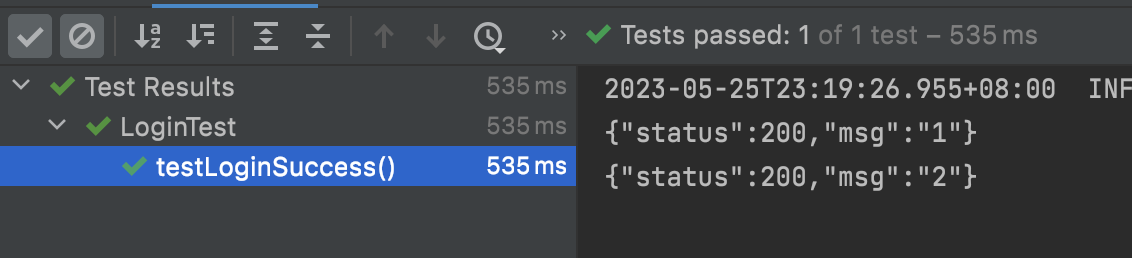
|  |  |  |
| --- | --- | --- |
| Test Case | User is not exist | |
| Input | Expected | Actual |
| User(uid=1123,  username=xyc123,  pwd=19991208) | {"status":500,"msg":"user is not exist"} | {"status":500,"msg":"user is not exist"} |



|  |  |  |
| --- | --- | --- |
| Test Case | Pwd is wrong | |
| Input | Expected | Actual |
| User(uid=1,  username=xyc,  pwd=19991208) | {"status":500,"msg":"password is wrong"} | {"status":500,"msg":"password is wrong"} |
| User(uid=1,  username=xyc2,  pwd=dfasdasasdas) | {"status":500,"msg":"password is wrong"} | {"status":500,"msg":"password is wrong"} |

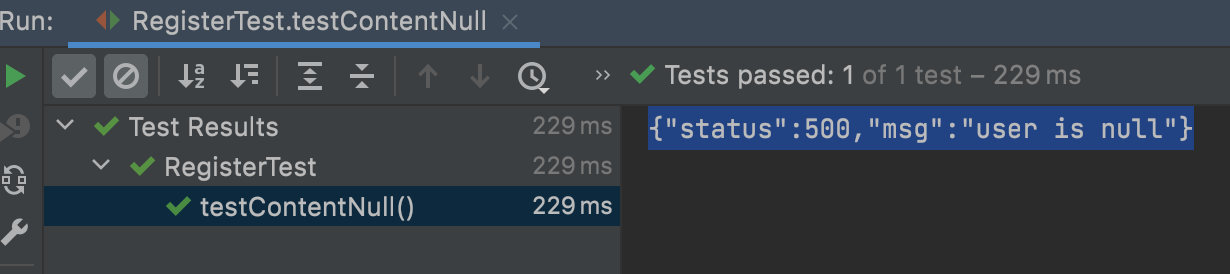


|  |  |  |
| --- | --- | --- |
| Test Case | Login Success | |
| Input | Expected | Actual |
| User(uid=1,  username=xyc,  pwd=123) | {"status":200,"msg":"1"} | {"status":200,"msg":"1"} |
| User(uid=2,  username=xyc2,  pwd=xycxyc2023) | {"status":200,"msg":"2"} | {"status":200,"msg":"2"} |

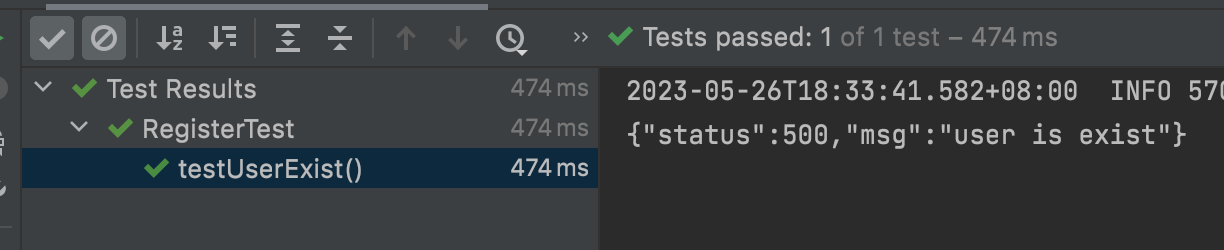


1. Register Test

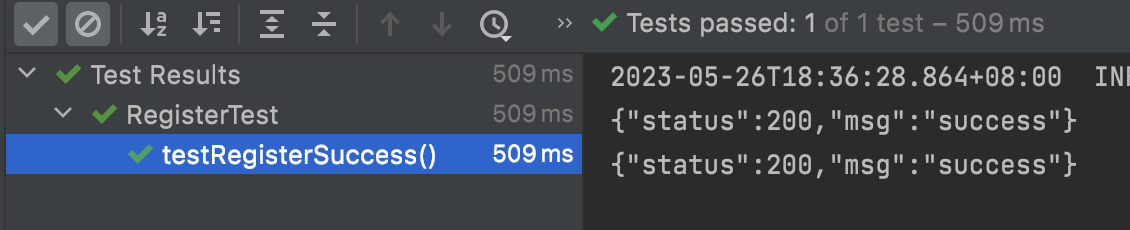
|  |  |  |
| --- | --- | --- |
| Test Case | User is Null | |
| Input | Expected | Actual |
| User(null) | {"status":500,"msg":"user is null"} | {"status":500,"msg":"user is null"} |



|  |  |  |
| --- | --- | --- |
| Test Case | User is Null | |
| Input | Expected | Actual |
| User(uid=1,  username=xyc,  pwd=fsdasdaafads) | {"status":500,"msg":"user is null"} | {"status":500,"msg":"user is null"} |

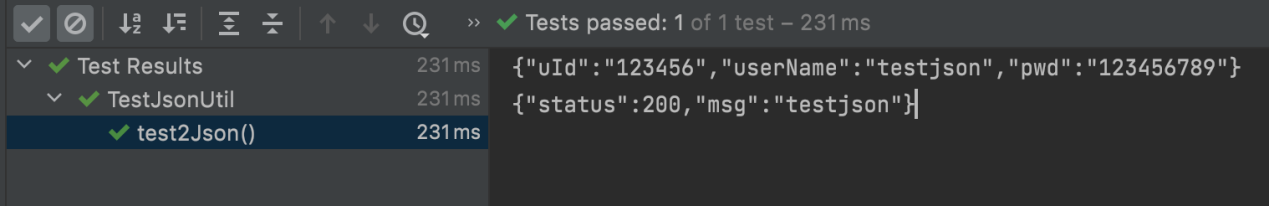


|  |  |  |
| --- | --- | --- |
| Test Case | User is Null | |
| Input | Expected | Actual |
| User(uid=1234,  username=xyc1234,  pwd=19991208) | {"status":200,"msg":"user is null"} | {"status":200,"msg":"user is null"} |
| User(uid=1234,  username=xyc1234,  pwd=dasdasdas) | {"status":200,"msg":"success"} | {"status":200,"msg":"success"} |

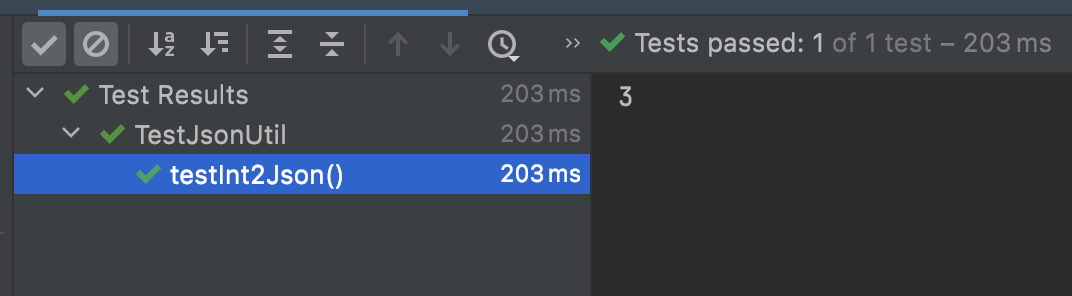


1. JsonUtil Test

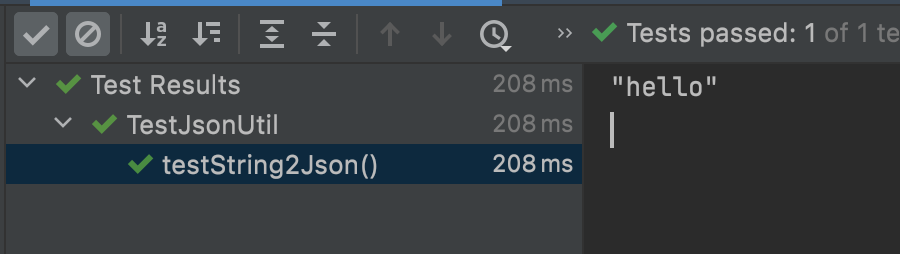
|  |  |  |
| --- | --- | --- |
| Test Case | Object to json | |
| Input | Expected | Actual |
| User(uid=123456,  username=testjson,  pwd=123456789) | {  "uId":"123456",  "userName":"testjson",  "pwd":"123456789"  } | {  "uId":"123456",  "userName":"testjson",  "pwd":"123456789"  } |
| RespBean(status=200,  msg=testjson) | {"status":200,  "msg":"testjson"} | {"status":200,  "msg":"testjson"} |



|  |  |  |
| --- | --- | --- |
| Test Case | Integer to json | |
| Input | Expected | Actual |
| Integer(3) | 3 | 3 |

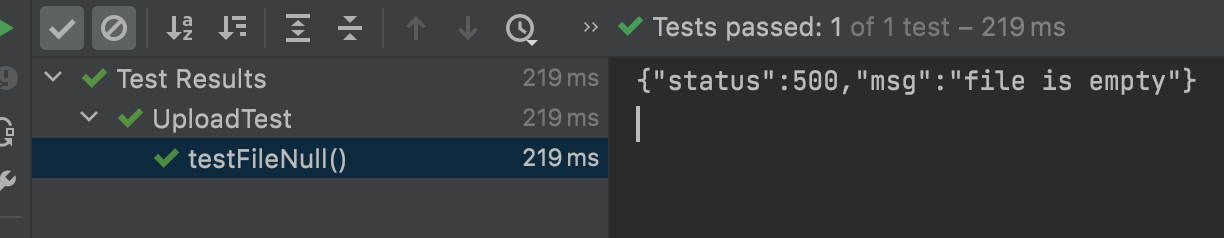


|  |  |  |
| --- | --- | --- |
| Test Case | String to json | |
| Input | Expected | Actual |
| String(hello) | "hello" | "hello" |

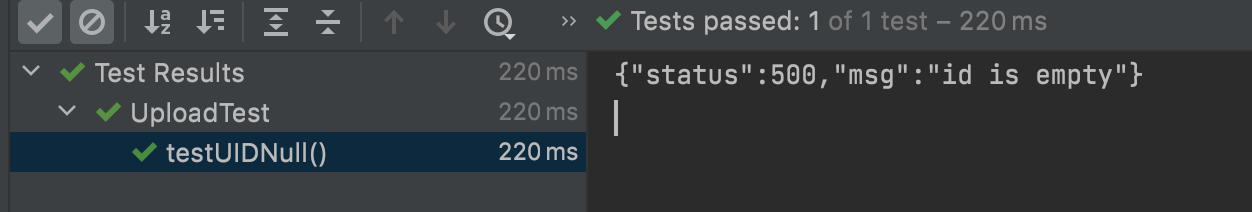


1. Upload Test

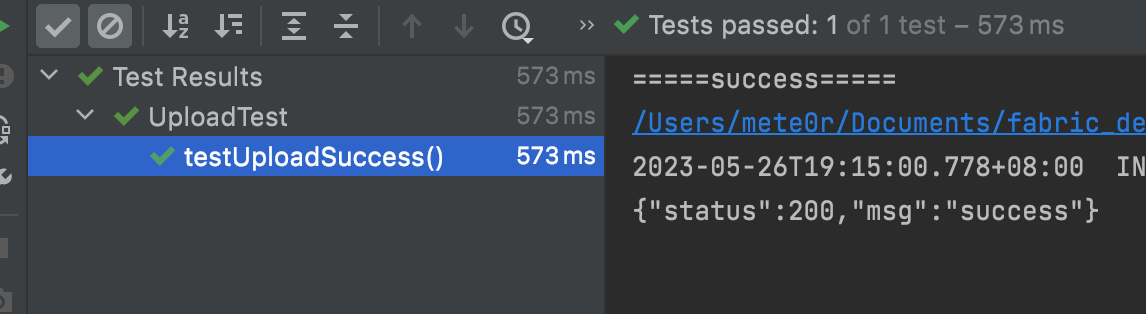
|  |  |  |
| --- | --- | --- |
| Test Case | File is empty | |
| Input | Expected | Actual |
| File(null) | {"status":500,  "msg":"file is empty"} | {"status":500,  "msg":"file is empty"} |



|  |  |  |
| --- | --- | --- |
| Test Case | UID is empty | |
| Input | Expected | Actual |
| File(a .jpg file)  Uid(null) | {"status":500,  "msg":"id is empty"} | {"status":500,  "msg":"id is empty"} |

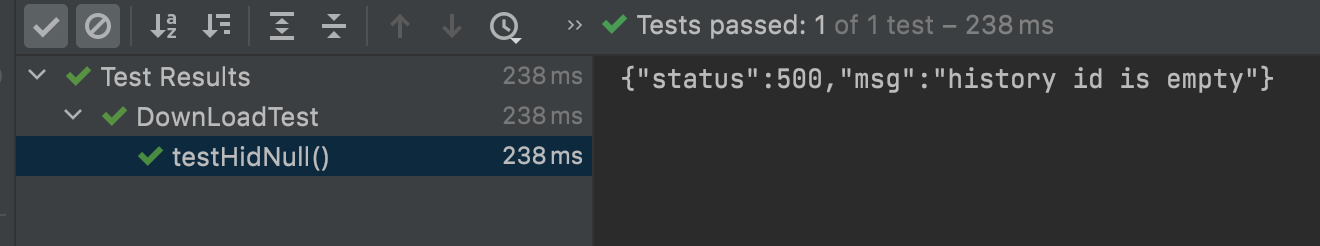


|  |  |  |
| --- | --- | --- |
| Test Case | Upload Success | |
| Input | Expected | Actual |
| File(a .jpg file)  Uid("1") | {"status":200,  "msg":"success"} | {"status":200,  "msg":"success"} |
| File(a .jpg file) \*10  Uid("1") | {"status":200,  "msg":"success"} | {"status":200,  "msg":"success"} |

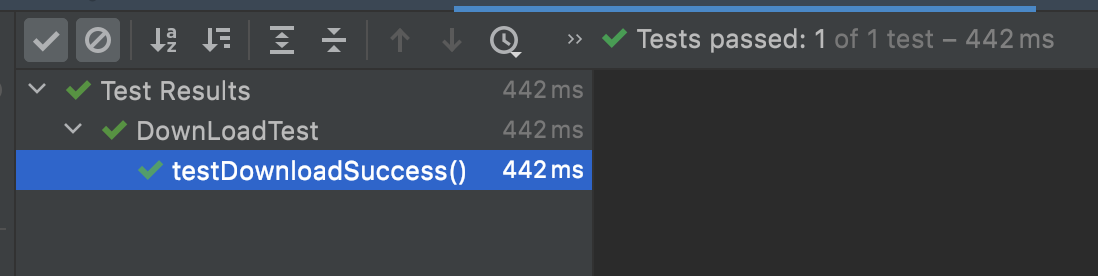


1. Download Test

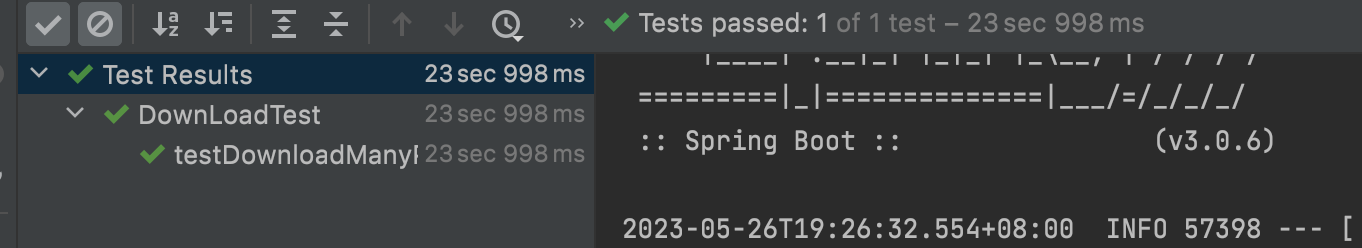
|  |  |  |
| --- | --- | --- |
| Test Case | History id is empty | |
| Input | Expected | Actual |
| History(  historyId=null,  uId=null,  time=null,  inputPath=null,  outPath=null,  filename=null) | {"status":500,  "msg":"history id is empty"} | {"status":500,  "msg":"history id is empty"} |



|  |  |  |
| --- | --- | --- |
| Test Case | Download a picture | |
| Input | Expected | Actual |
| History(  historyId=6568b36f-  40d2-4ac0-  a03a-646307a35c43,  uId=null,  time=null,  inputPath=null,  outPath=null,  filename=null) | A file(test.jpg) | A file(test.jpg) |

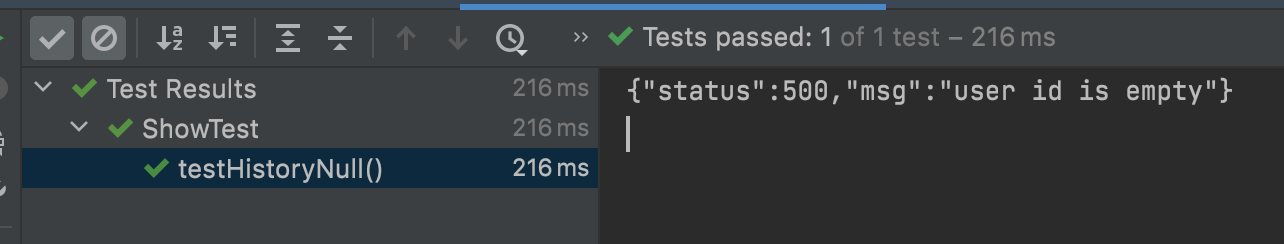
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|  |  |  |
| --- | --- | --- |
| Test Case | Download a picture for many times | |
| Input | Expected | Actual |
| 10000\*History(  historyId=6568b36f-  40d2-4ac0-  a03a-646307a35c43,  uId=null,  time=null,  inputPath=null,  outPath=null,  filename=null) | A file(test.jpg) | A file(test.jpg) |

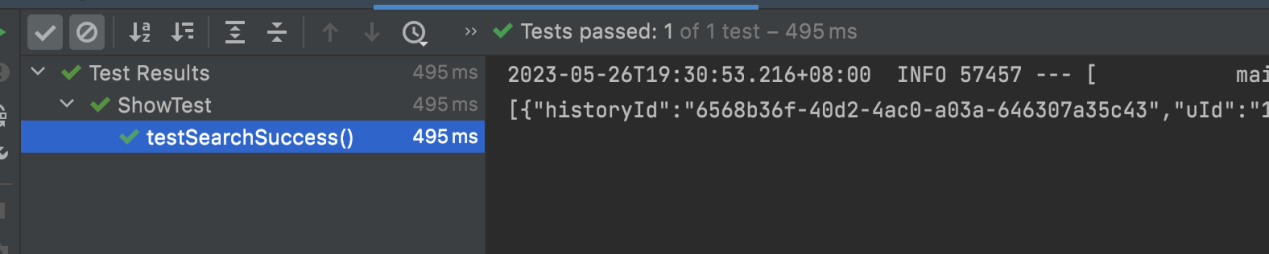


1. Show History Test

|  |  |  |
| --- | --- | --- |
| Test Case | Id is null | |
| Input | Expected | Actual |
| String(  uid=null) | {"status":500,  "msg":"user id is empty"} | {"status":500,  "msg":"user id is empty"} |

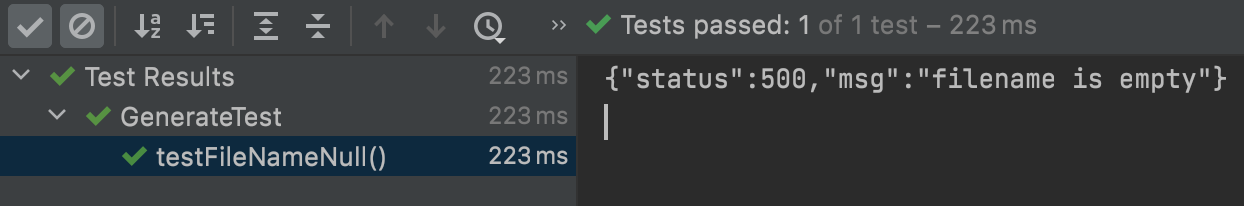


|  |  |  |
| --- | --- | --- |
| Test Case | Select User History | |
| Input | Expected | Actual |
| String(  uid="1") | A json string about user’s history | A json string about user’s history |

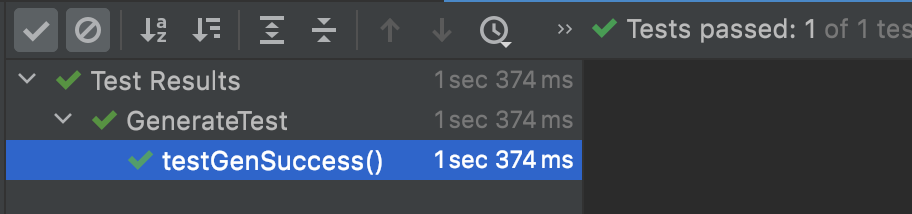


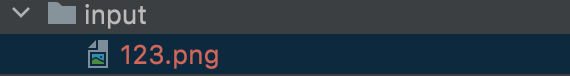
1. Generating Test

|  |  |  |
| --- | --- | --- |
| Test Case | Filename is empty | |
| Input | Expected | Actual |
| History(  historyId=null,  uId=null,  time=null,  inputPath=null,  outPath=null,  filename=null) | {"status":500,  "msg":"filename is empty"} | {"status":500,  "msg":"filename is empty"} |



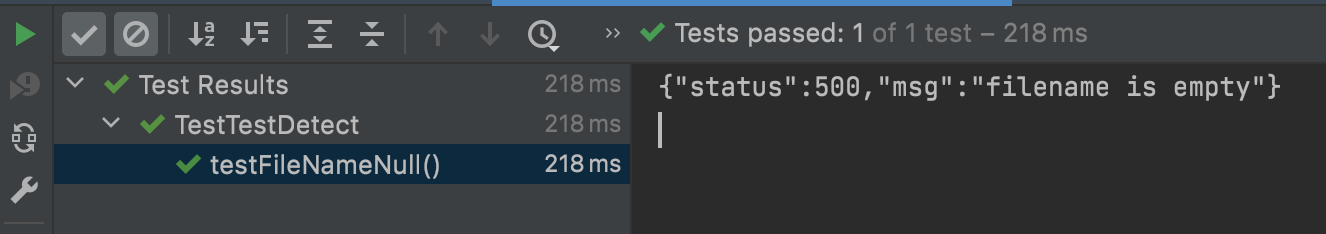
|  |  |  |
| --- | --- | --- |
| Test Case | Generate Success | |
| Input | Expected | Actual |
| History(  historyId=null,  uId="1",  time=null,  inputPath=null,  outPath=null,  filename="123") | A file(123.png) | A file(123.png) |



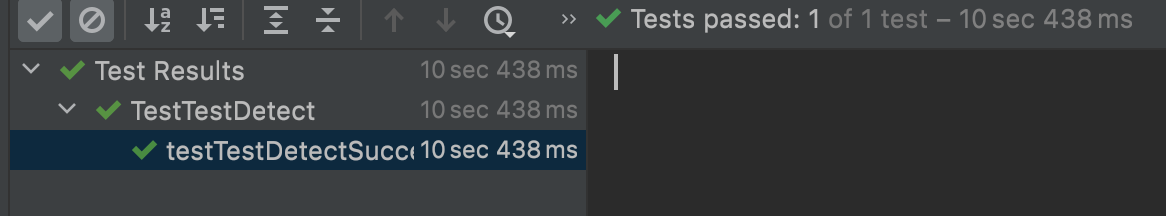


1. Testing Detect Test

|  |  |  |
| --- | --- | --- |
| Test Case | Select User History | |
| Input | Expected | Actual |
| History(  historyId=null,  uId=null,  time=null,  inputPath=null,  outPath=null,  filename=null) | {"status":500,  "msg":"filename is empty"} | {"status":500,  "msg":"filename is empty"} |



|  |  |  |
| --- | --- | --- |
| Test Case | Testing Detect Success | |
| Input | Expected | Actual |
| History(  historyId=null,  uId="1",  time=null,  inputPath=null,  outPath=null,  filename="123") | A file(123.png) | A file(123.png) |



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