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| test id: | 1 |
| Test title: | Smoke test- Rates API availability |
| test description: | verify that Rates API is available and can return success status of response |
| test pre-conditions: | 1. access to internet 2. access to any REST API tool (e.g. Postman) |
| Test steps: | 1. Start Postman (or any other tool that can query REST API) and select new request 2. Use GET method 3. Use following URL https://api.ratesapi.io/api/latest and hit “Send” button 4. Verify following section: a.) Status Code should be ‘200 OK” b.) In Header section Content-Type should be “application/json” |

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| test id: | 2 |
| Test title: | Rates API response test for specific Rate and Base currencies #1 |
| test description: | verify that when you request currency rates for given base and rates, API return correct data |
| test pre-conditions: | 1. access to internet 2. access to any REST API tool (e.g. Postman) |
| Test steps: | 1. Start Postman (or any other tool that can query REST API) and select new request 2. Use GET method 3. Use following URL <https://api.ratesapi.io/api/latest/?base=EUR&symbols=PLN> 4. and hit “Send” button. You can also use “params” section to modify keys.   Key “base” should contain value of currency you want to calculate from. It can only be only currency e.g. PLN  Key “symbols” represent currencies to which you want convert base. It can either be 1 currency or multiple separated with comma e.g. GBP, USD   1. Verify following section: 2. Status Code should be ‘200 OK” 3. In Header section Content-Type should be “application/json” 4. Body should return following structure:   {      "base": "EUR",      "rates": {          "PLN": 4.5596      },      "date": "2020-05-18"  }   1. Ensure that body contains following:  * “base” should be same as in input query “base” value * “rates” should represent values of “symbols” in query * each rate should have structure of XXX: yyyy where XXX is given symbol and YYY is float value of calculated currency * “date” should be current date (or latest date- sometimes it can be yesterday if today rates are not available) |

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| test id: | 3 |
| Test title: | Rates API response test for specific Rate and Base currencies #2 |
| test description: | verify that when you request currency rates for given base and rates, API return correct data |
| test pre-conditions: | 1. access to internet 2. access to any REST API tool (e.g. Postman) |
| Test steps: | 1. Start Postman (or any other tool that can query REST API) and select new request 2. Use GET method 3. Use following URL <https://api.ratesapi.io/api/latest/?base=PLN&symbols=GBP>   and hit “Send” button. You can also use “params” section to modify keys.  Key “base” should contain value of currency you want to calculate from. It can only be only currency e.g. PLN  Key “symbols” represent currencies to which you want convert base. It can either be 1 currency or multiple separated with comma e.g. GBP, USD   1. Verify following section: 2. Status Code should be ‘200 OK” 3. In Header section Content-Type should be “application/json” 4. Body should return following structure:   {      "base": "PLN",      "rates": {          "GBP": 0.1955281165      },      "date": "2020-05-18"  }   1. Ensure that body contains following:  * “base” should be same as in input query “base” value (not NULL,not empty) * “rates” should represent values of “symbols” in query * All “symbols” values appear in “Rates” e.g. if you use GBP,PLN, USD then all 3 should also be returned * each rate should have structure of XXX: yyyy where XXX is given symbol and YYY is float value of calculated currency * “date” should be current date (or latest date- sometimes it can be yesterday if today rates are not available) |

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| test id: | 4 |
| Test title: | Rates API response test for specific Rate and Base currencies #3 |
| test description: | verify that when you request currency rates for given base and rates, API return correct data |
| test pre-conditions: | 1. access to internet 2. access to any REST API tool (e.g. Postman) |
| Test steps: | 1. Start Postman (or any other tool that can query REST API) and select new request 2. Use GET method 3. Use following URL <https://api.ratesapi.io/api/latest/?base=PLN&symbols=EUR,GBP> 4. and hit “Send” button. You can also use “params” section to modify keys.   Key “base” should contain value of currency you want to calculate from. It can only be only currency e.g. PLN  Key “symbols” represent currencies to which you want convert base. It can either be 1 currency or multiple separated with comma e.g. GBP, USD   1. Verify following section: 2. Status Code should be ‘200 OK” 3. In Header section Content-Type should be “application/json” 4. Body should return following structure:   {      "base": "PLN",      "rates": {          "EUR": 0.219317484,          "GBP": 0.1955281165      },      "date": "2020-05-18"  }   1. Ensure that body contains following:  * “base” should be same as in input query “base” value (not NULL,not empty) * “rates” should represent values of “symbols” in query * All “symbols” values appear in “Rates” e.g. if you use GBP,PLN, USD then all 3 should also be returned * each rate should have structure of XXX: yyyy where XXX is given symbol and YYY is float value of calculated currency * “date” should be current date (or latest date- sometimes it can be yesterday if today rates are not available) |

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| test id: | 5 |
| Test title: | Rates API response test for specific Rate and Base currencies #4 |
| test description: | verify that when you request currency rates for given base and rates, API return correct data |
| test pre-conditions: | 1. access to internet 2. access to any REST API tool (e.g. Postman) |
| Test steps: | 1. Start Postman (or any other tool that can query REST API) and select new request 2. Use GET method 3. Use following URL [https://api.ratesapi.io/api/latest/?base=EUR&symbols=HKD,CHF,CZK,CNY,PLN,CAD,NZD, JPY,RUB,USD,AUD](https://api.ratesapi.io/api/latest/?base=EUR&symbols=HKD,CHF,CZK,CNY,PLN,CAD,NZD,%20JPY,RUB,USD,AUD) 4. and hit “Send” button. You can also use “params” section to modify keys.   Key “base” should contain value of currency you want to calculate from. It can only be only currency e.g. PLN  Key “symbols” represent currencies to which you want convert base. It can either be 1 currency or multiple separated with comma e.g. GBP, USD   1. Verify following section: 2. Status Code should be ‘200 OK” 3. In Header section Content-Type should be “application/json” 4. Body should return following structure:   {      "base": "EUR",      "rates": {          "JPY": 116.31,          "HKD": 8.3964,          "CAD": 1.5202,          "AUD": 1.6736,          "CNY": 7.7068,          "USD": 1.0832,          "PLN": 4.5596,          "CHF": 1.0521,          "CZK": 27.61,          "NZD": 1.8096,          "RUB": 78.908      },      "date": "2020-05-18"  }   1. Ensure that body contains following:  * “base” should be same as in input query “base” value (not NULL,not empty) * “rates” should represent values of “symbols” in query * All “symbols” values appear in “Rates” e.g. if you use GBP,PLN, USD then all 3 should also be returned * each rate should have structure of XXX: yyyy where XXX is given symbol and YYY is float value of calculated currency * “date” should be current date (or latest date- sometimes it can be yesterday if today rates are not available) |

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| test id: | 6 |
| Test title: | Rates API response test for specific Rate and Base currencies #5 |
| test description: | verify that when you request currency rates for given base and rates, API return correct data |
| test pre-conditions: | 1. access to internet 2. access to any REST API tool (e.g. Postman) |
| Test steps: | 1. Start Postman (or any other tool that can query REST API) and select new request 2. Use GET method 3. Use following URL <https://api.ratesapi.io/api/latest/?base=&symbols=> 4. and hit “Send” button. You can also use “params” section to modify keys.   Key “base” should contain value of currency you want to calculate from. It can only be only currency e.g. PLN  Key “symbols” represent currencies to which you want convert base. It can either be 1 currency or multiple separated with comma e.g. GBP, USD   1. Verify following section: 2. Status Code should be ‘200 OK” 3. In Header section Content-Type should be “application/json” 4. Body should return following structure:   {      "base": "EUR",      "rates": {          "GBP": 0.89153,          "HKD": 8.3964,          "IDR": 16077.45,          "ILS": 3.8321,          "DKK": 7.4548,          "INR": 82.1435,          "CHF": 1.0521,          "MXN": 25.6337,          "CZK": 27.61,          "SGD": 1.5426,          "THB": 34.684,          "HRK": 7.558,          "MYR": 4.732,          "NOK": 10.9663,          "CNY": 7.7068,          "BGN": 1.9558,          "PHP": 55.102,          "SEK": 10.6103,          "PLN": 4.5596,          "ZAR": 19.8913,          "CAD": 1.5202,          "ISK": 157.1,          "BRL": 6.2701,          "RON": 4.8388,          "NZD": 1.8096,          "TRY": 7.4276,          "JPY": 116.31,          "RUB": 78.908,          "KRW": 1332.42,          "USD": 1.0832,          "HUF": 353.39,          "AUD": 1.6736      },      "date": "2020-05-18"  }   1. Ensure that body contains following:  * “base” should be same as in input query “base” value (not NULL,not empty) * “rates” should represent values of “symbols” in query * All “symbols” values appear in “Rates” e.g. if you use GBP,PLN, USD then all 3 should also be returned * each rate should have structure of XXX: yyyy where XXX is given symbol and YYY is float value of calculated currency * “date” should be current date (or latest date- sometimes it can be yesterday if today rates are not available) * If base is not provided default base is EUR * If symbols are not provided then all available will be returned |

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| test id: | 7 |
| Test title: | Rates API response test for specific Rate and Base currencies #6 |
| test description: | verify that when you request currency rates for given base and rates, API return correct data |
| test pre-conditions: | 1. access to internet 2. access to any REST API tool (e.g. Postman) |
| Test steps: | 1. Start Postman (or any other tool that can query REST API) and select new request 2. Use GET method 3. Use following URL <https://api.ratesapi.io/api/latest/?base=&symbols=EUR> 4. and hit “Send” button. You can also use “params” section to modify keys.   Key “base” should contain value of currency you want to calculate from. It can only be only currency e.g. PLN  Key “symbols” represent currencies to which you want convert base. It can either be 1 currency or multiple separated with comma e.g. GBP, USD   1. Verify following section: 2. Status Code should be ‘200 OK” 3. In Header section Content-Type should be “application/json” 4. Body should return following structure:   {      "base": "EUR",      "rates": {          "EUR": 1.0      },      "date": "2020-05-18"  }   1. Ensure that body contains following:  * “base” should be same as in input query “base” value (not NULL,not empty) * “rates” should represent values of “symbols” in query * All “symbols” values appear in “Rates” e.g. if you use GBP,PLN, USD then all 3 should also be returned * each rate should have structure of XXX: yyyy where XXX is given symbol and YYY is float value of calculated currency * “date” should be current date (or latest date- sometimes it can be yesterday if today rates are not available) * If base is not provided default base is EUR * If symbols are not provided then all available will be returned |

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| test id: | 8 |
| Test title: | Rates API response test for specific Rate and Base currencies #7 |
| test description: | verify that when you request currency rates for given base and rates, API return correct data |
| test pre-conditions: | * access to internet * access to any REST API tool (e.g. Postman) |
| Test steps: | 1. Start Postman (or any other tool that can query REST API) and select new request 2. Use GET method 3. Use following URL <https://api.ratesapi.io/api/latest/?base=&symbols=USD> 4. and hit “Send” button. You can also use “params” section to modify keys.   Key “base” should contain value of currency you want to calculate from. It can only be only currency e.g. PLN  Key “symbols” represent currencies to which you want convert base. It can either be 1 currency or multiple separated with comma e.g. GBP, USD   1. Verify following section:  * Status Code should be ‘200 OK” * In Header section Content-Type should be “application/json” * Body should return following structure:   {      "base": "EUR",      "rates": {          "USD": 1.0832      },      "date": "2020-05-18"  }   * Ensure that body contains following: * “base” should be same as in input query “base” value (not NULL,not empty) * “rates” should represent values of “symbols” in query * All “symbols” values appear in “Rates” e.g. if you use GBP,PLN, USD then all 3 should also be returned * each rate should have structure of XXX: yyyy where XXX is given symbol and YYY is float value of calculated currency * “date” should be current date (or latest date- sometimes it can be yesterday if today rates are not available) * If base is not provided default base is EUR * If symbols are not provided then all available will be returned |

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| test id: | 9 |
| Test title: | Rates API response test for specific Rate and Base currencies #8 |
| test description: | verify that when you request currency rates for given base and rates, API return correct data |
| test pre-conditions: | * access to internet * access to any REST API tool (e.g. Postman) |
| Test steps: | 1. Start Postman (or any other tool that can query REST API) and select new request 2. Use GET method 3. Use following URL <https://api.ratesapi.io/api/latest/?base=PLN&symbols=> 4. and hit “Send” button. You can also use “params” section to modify keys.   Key “base” should contain value of currency you want to calculate from. It can only be only currency e.g. PLN  Key “symbols” represent currencies to which you want convert base. It can either be 1 currency or multiple separated with comma e.g. GBP, USD   1. Verify following section:  * Status Code should be ‘200 OK” * In Header section Content-Type should be “application/json” * Body should return following structure:   {      "base": "PLN",      "rates": {          "GBP": 0.1955281165,          "HKD": 1.8414773226,          "IDR": 3526.0658829722,          "ILS": 0.8404465304,          "DKK": 1.6349679796,          "INR": 18.0155057461,          "CHF": 0.2307439249,          "MXN": 5.6219185893,          "CZK": 6.055355733,          "SGD": 0.3383191508,          "THB": 7.6068076147,          "HRK": 1.657601544,          "EUR": 0.219317484,          "MYR": 1.0378103342,          "NOK": 2.4051013247,          "CNY": 1.6902359856,          "BGN": 0.4289411352,          "PHP": 12.0848320028,          "PLN": 1.0,          "ZAR": 4.3625098693,          "CAD": 0.3334064392,          "ISK": 34.4547767348,          "BRL": 1.3751425564,          "RON": 1.0612334415,          "NZD": 0.396876919,          "TRY": 1.6290025441,          "JPY": 25.5088165629,          "RUB": 17.3059040267,          "KRW": 292.2230020177,          "USD": 0.2375646987,          "AUD": 0.3670497412,          "HUF": 77.5046056672,          "SEK": 2.3270243004      },      "date": "2020-05-18"  }   * Ensure that body contains following: * “base” should be same as in input query “base” value (not NULL,not empty) * “rates” should represent values of “symbols” in query * All “symbols” values appear in “Rates” e.g. if you use GBP,PLN, USD then all 3 should also be returned * each rate should have structure of XXX: yyyy where XXX is given symbol and YYY is float value of calculated currency * “date” should be current date (or latest date- sometimes it can be yesterday if today rates are not available) * If base is not provided default base is EUR * If symbols are not provided then all available will be returned |

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| test id: | 10 |
| Test title: | Rates API response test for specific Rate and Base currencies – negative test #1 |
| test description: | verify that when you request incorrect data for currency base and/or rates, API return correct data error message that explain problem |
| test pre-conditions: | * access to internet * access to any REST API tool (e.g. Postman) |
| Test steps: | 1. Start Postman (or any other tool that can query REST API) and select new request 2. Use GET method 3. Use following URL <https://api.ratesapi.io/api/latest/?base=&symbols=MXN,CZK,GBP,CAD,AUD,USD,JPY,test> 4. and hit “Send” button. You can also use “params” section to modify keys.   Key “base” should contain value of currency you want to calculate from. It can only be only currency e.g. PLN  Key “symbols” represent currencies to which you want convert base. It can either be 1 currency or multiple separated with comma e.g. GBP, USD  Since we entered incorrect symbol ccy “test” it should fail.   1. Verify following section:  * Status Code should be ‘400 Bad Request” * In Header section Content-Type should be “application/json” * Body should return following structure:   {      "error": "Symbols 'MXN,CZK,GBP,CAD,AUD,USD,JPY,test' are invalid for date 2020-05-19."  }   * Ensure that body **DOES** contains following:   Error section should appear and explain reason of error.   * Ensure that body **DOES NOT** contains following: * “base” should be same as in input query “base” value (not NULL,not empty) * “rates” should represent values of “symbols” in query * All “symbols” values appear in “Rates” e.g. if you use GBP,PLN, USD then all 3 should also be returned * each rate should have structure of XXX: yyyy where XXX is given symbol and YYY is float value of calculated currency * “date” should be current date (or latest date- sometimes it can be yesterday if today rates are not available) * If base is not provided default base is EUR * If symbols are not provided then all available will be returned |

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| test id: | 11 |
| Test title: | Rates API response test for specific Rate and Base currencies – negative test #2 |
| test description: | verify that when you request incorrect data for currency base and/or rates, API return correct data error message that explain problem |
| test pre-conditions: | * access to internet * access to any REST API tool (e.g. Postman) |
| Test steps: | 1. Start Postman (or any other tool that can query REST API) and select new request 2. Use GET method 3. Use following URL <https://api.ratesapi.io/api/latest/?base=USD,PLN&symbols=> 4. and hit “Send” button. You can also use “params” section to modify keys.   Key “base” should contain value of currency you want to calculate from. It can only be only currency e.g. PLN  Key “symbols” represent currencies to which you want convert base. It can either be 1 currency or multiple separated with comma e.g. GBP, USD  Since we entered incorrect base with 2 CCY it should fail.   1. Verify following section:  * Status Code should be ‘400 Bad Request” * In Header section Content-Type should be “application/json” * Body should return following structure:   {      "error": "Base 'USD,PLN' is not supported."  }   * Ensure that body **DOES** contains following:   Error section should appear and explain reason of error.   * Ensure that body **DOES NOT** contains following: * “base” should be same as in input query “base” value (not NULL,not empty) * “rates” should represent values of “symbols” in query * All “symbols” values appear in “Rates” e.g. if you use GBP,PLN, USD then all 3 should also be returned * each rate should have structure of XXX: yyyy where XXX is given symbol and YYY is float value of calculated currency * “date” should be current date (or latest date- sometimes it can be yesterday if today rates are not available) * If base is not provided default base is EUR * If symbols are not provided then all available will be returned |

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| test id: | 12 |
| Test title: | Rates API response test for specific Rate and Base currencies – negative test #3 |
| test description: | verify that when you request incorrect data for currency base and/or rates, API return correct data error message that explain problem |
| test pre-conditions: | * access to internet * access to any REST API tool (e.g. Postman) |
| Test steps: | 1. Start Postman (or any other tool that can query REST API) and select new request 2. Use GET method 3. Use following URL <https://api.ratesapi.io/api/latest/?base=&symbols=XXX> 4. and hit “Send” button. You can also use “params” section to modify keys.   Key “base” should contain value of currency you want to calculate from. It can only be only currency e.g. PLN  Key “symbols” represent currencies to which you want convert base. It can either be 1 currency or multiple separated with comma e.g. GBP, USD  Since we entered incorrect (fake) rate it should fail.   1. Verify following section:  * Status Code should be ‘400 Bad Request” * In Header section Content-Type should be “application/json” * Body should return following structure:   {      "error": "Symbols 'XXX' are invalid for date 2020-05-19."  }   * Ensure that body **DOES** contains following:   Error section should appear and explain reason of error.   * Ensure that body **DOES NOT** contains following: * “base” should be same as in input query “base” value (not NULL,not empty) * “rates” should represent values of “symbols” in query * All “symbols” values appear in “Rates” e.g. if you use GBP,PLN, USD then all 3 should also be returned * each rate should have structure of XXX: yyyy where XXX is given symbol and YYY is float value of calculated currency * “date” should be current date (or latest date- sometimes it can be yesterday if today rates are not available) * If base is not provided default base is EUR * If symbols are not provided then all available will be returned |

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| test id: | 13 |
| Test title: | Rates API response test for specific Rate and Base currencies – negative test #4 |
| test description: | verify that when you request incorrect data for currency base and/or rates, API return correct data error message that explain problem |
| test pre-conditions: | * access to internet * access to any REST API tool (e.g. Postman) |
| Test steps: | 1. Start Postman (or any other tool that can query REST API) and select new request 2. Use GET method 3. Use following URL <https://api.ratesapi.io/api/latest/?base=YYY&symbols=XXX> 4. and hit “Send” button. You can also use “params” section to modify keys.   Key “base” should contain value of currency you want to calculate from. It can only be only currency e.g. PLN  Key “symbols” represent currencies to which you want convert base. It can either be 1 currency or multiple separated with comma e.g. GBP, USD  Since we entered incorrect (fake) rate + base it should fail.   1. Verify following section:  * Status Code should be ‘400 Bad Request” * In Header section Content-Type should be “application/json” * Body should return following structure:   {      "error": "Base 'YYY' is not supported."  }   * Ensure that body **DOES** contains following:   Error section should appear and explain reason of error.   * Ensure that body **DOES NOT** contains following: * “base” should be same as in input query “base” value (not NULL,not empty) * “rates” should represent values of “symbols” in query * All “symbols” values appear in “Rates” e.g. if you use GBP,PLN, USD then all 3 should also be returned * each rate should have structure of XXX: yyyy where XXX is given symbol and YYY is float value of calculated currency * “date” should be current date (or latest date- sometimes it can be yesterday if today rates are not available) * If base is not provided default base is EUR * If symbols are not provided then all available will be returned |

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| test id: | 14 |
| Test title: | Rates API response test for specific date – status of response check #1 |
| test description: | verify that when you request data for specific date API will return success status of response |
| test pre-conditions: | * access to internet * access to any REST API tool (e.g. Postman) |
| Test steps: | 1. Start Postman (or any other tool that can query REST API) and select new request 2. Use GET method 3. Use following URL <https://api.ratesapi.io/api/2010-01-12>   and hit “Send” button.   1. Verify following section:  * Status Code should be ‘200 OK” * In Header section Content-Type should be “application/json” |

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| test id: | 15 |
| Test title: | Rates API response test for specific date – status of response check #2 |
| test description: | verify that when you request data for specific date API will return success status of response |
| test pre-conditions: | * access to internet * access to any REST API tool (e.g. Postman) |
| Test steps: | 1. Start Postman (or any other tool that can query REST API) and select new request 2. Use GET method 3. Use following URL <https://api.ratesapi.io/api/2020-03-15>   and hit “Send” button.   1. Verify following section:  * Status Code should be ‘200 OK” * In Header section Content-Type should be “application/json” |

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| test id: | 16 |
| Test title: | Rates API response test for specific Rate and Base and **specific date** #1 |
| test description: | verify that when you request currency rates for given base, rates and date API return correct data |
| test pre-conditions: | * access to internet * access to any REST API tool (e.g. Postman) |
| Test steps: | 1. Start Postman (or any other tool that can query REST API) and select new request 2. Use GET method 3. Use following URL <https://api.ratesapi.io/api/2010-01-12?base=EUR&symbols=GBP> 4. and hit “Send” button. You can also use “params” section to modify keys.   Key “base” should contain value of currency you want to calculate from. It can only be only currency e.g. PLN  Key “symbols” represent currencies to which you want convert base. It can either be 1 currency or multiple separated with comma e.g. GBP, USD   1. Verify following section:  * Status Code should be ‘200 OK” * In Header section Content-Type should be “application/json” * Body should return following structure:   {      "base": "EUR",      "rates": {          "GBP": 0.8972      },      "date": "2010-01-12"  }   * Ensure that body contains following: * “base” should be same as in input query “base” value (not NULL,not empty) * “rates” should represent values of “symbols” in query * All “symbols” values appear in “Rates” e.g. if you use GBP,PLN, USD then all 3 should also be returned * each rate should have structure of XXX: yyyy where XXX is given symbol and YYY is float value of calculated currency * “date” should be exact same as specificed in URL * If base is not provided default base is EUR * If symbols are not provided then all available will be returned |

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| test id: | 17 |
| Test title: | Rates API response test for specific Rate and Base and **specific date** #2 |
| test description: | verify that when you request currency rates for given base, rates and date API return correct data |
| test pre-conditions: | * access to internet * access to any REST API tool (e.g. Postman) |
| Test steps: | 1. Start Postman (or any other tool that can query REST API) and select new request 2. Use GET method 3. Use following URL <https://api.ratesapi.io/api/2020-03-11/?base=PLN&symbols=GBP> 4. and hit “Send” button. You can also use “params” section to modify keys.   Key “base” should contain value of currency you want to calculate from. It can only be only currency e.g. PLN  Key “symbols” represent currencies to which you want convert base. It can either be 1 currency or multiple separated with comma e.g. GBP, USD   1. Verify following section:  * Status Code should be ‘200 OK” * In Header section Content-Type should be “application/json” * Body should return following structure:   {      "base": "PLN",      "rates": {          "GBP": 0.2030801297      },      "date": "2020-03-11"  }   * Ensure that body contains following: * “base” should be same as in input query “base” value (not NULL,not empty) * “rates” should represent values of “symbols” in query * All “symbols” values appear in “Rates” e.g. if you use GBP,PLN, USD then all 3 should also be returned * each rate should have structure of XXX: yyyy where XXX is given symbol and YYY is float value of calculated currency * “date” should be exact same as specificed in URL * If base is not provided default base is EUR * If symbols are not provided then all available will be returned |

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| test id: | 18 |
| Test title: | Rates API response test for specific Rate and Base and **specific date** #3 |
| test description: | verify that when you request currency rates for given base, rates and date API return correct data |
| test pre-conditions: | * access to internet * access to any REST API tool (e.g. Postman) |
| Test steps: | 1. Start Postman (or any other tool that can query REST API) and select new request 2. Use GET method 3. Use following URL <https://api.ratesapi.io/api/2019-04-22/?base=PLN&symbols=EUR,GBP> 4. and hit “Send” button. You can also use “params” section to modify keys.   Key “base” should contain value of currency you want to calculate from. It can only be only currency e.g. PLN  Key “symbols” represent currencies to which you want convert base. It can either be 1 currency or multiple separated with comma e.g. GBP, USD   1. Verify following section:  * Status Code should be ‘200 OK” * In Header section Content-Type should be “application/json” * Body should return following structure:   {      "base": "PLN",      "rates": {          "EUR": 0.2337213107,          "GBP": 0.2020988174      },      "date": "2019-04-22"  }   * Ensure that body contains following: * “base” should be same as in input query “base” value (not NULL,not empty) * “rates” should represent values of “symbols” in query * All “symbols” values appear in “Rates” e.g. if you use GBP,PLN, USD then all 3 should also be returned * each rate should have structure of XXX: yyyy where XXX is given symbol and YYY is float value of calculated currency * “date” should be exact same as specificed in URL * If base is not provided default base is EUR * If symbols are not provided then all available will be returned |

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| test id: | 19 |
| Test title: | Rates API response test for specific Rate and Base and **specific date** #4 |
| test description: | verify that when you request currency rates for given base, rates and date API return correct data |
| test pre-conditions: | * access to internet * access to any REST API tool (e.g. Postman) |
| Test steps: | 1. Start Postman (or any other tool that can query REST API) and select new request 2. Use GET method 3. Use following URL <https://api.ratesapi.io/api/2018-04-01> 4. and hit “Send” button. You can also use “params” section to modify keys.   Key “base” should contain value of currency you want to calculate from. It can only be only currency e.g. PLN  Key “symbols” represent currencies to which you want convert base. It can either be 1 currency or multiple separated with comma e.g. GBP, USD   1. Verify following section:  * Status Code should be ‘200 OK” * In Header section Content-Type should be “application/json” * Body should return following structure:   {      "base": "EUR",      "rates": {          "GBP": 0.8749,          "HKD": 9.6696,          "IDR": 16933.98,          "ILS": 4.3262,          "DKK": 7.453,          "INR": 80.296,          "CHF": 1.1779,          "MXN": 22.5249,          "CZK": 25.425,          "SGD": 1.6158,          "THB": 38.478,          "HRK": 7.4323,          "MYR": 4.7658,          "NOK": 9.677,          "CNY": 7.7468,          "BGN": 1.9558,          "PHP": 64.374,          "SEK": 10.2843,          "PLN": 4.2106,          "ZAR": 14.621,          "CAD": 1.5895,          "ISK": 121.5,          "BRL": 4.0938,          "RON": 4.6565,          "NZD": 1.7098,          "TRY": 4.8976,          "JPY": 131.15,          "RUB": 70.8897,          "KRW": 1310.89,          "USD": 1.2321,          "HUF": 312.13,          "AUD": 1.6036      },      "date": "2018-04-01"  }   * Ensure that body contains following: * “base” should be same as in input query “base” value (not NULL,not empty) * “rates” should represent values of “symbols” in query * All “symbols” values appear in “Rates” e.g. if you use GBP,PLN, USD then all 3 should also be returned * each rate should have structure of XXX: yyyy where XXX is given symbol and YYY is float value of calculated currency * “date” should be exact same as specificed in URL * If base is not provided default base is EUR * If symbols are not provided then all available will be returned |

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| test id: | 20 |
| Test title: | Rates API response test for specific Rate and Base and **specific date** #5 |
| test description: | verify that when you request currency rates for given base, rates and date API return correct data |
| test pre-conditions: | * access to internet * access to any REST API tool (e.g. Postman) |
| Test steps: | 1. Start Postman (or any other tool that can query REST API) and select new request 2. Use GET method 3. Use following URL <https://api.ratesapi.io/api/2020-01-01/?base=&symbols=USD> 4. and hit “Send” button. You can also use “params” section to modify keys.   Key “base” should contain value of currency you want to calculate from. It can only be only currency e.g. PLN  Key “symbols” represent currencies to which you want convert base. It can either be 1 currency or multiple separated with comma e.g. GBP, USD   1. Verify following section:  * Status Code should be ‘200 OK” * In Header section Content-Type should be “application/json” * Body should return following structure:   {      "base": "EUR",      "rates": {          "USD": 1.1234      },      "date": "2020-01-01"  }   * Ensure that body contains following: * “base” should be same as in input query “base” value (not NULL,not empty) * “rates” should represent values of “symbols” in query * All “symbols” values appear in “Rates” e.g. if you use GBP,PLN, USD then all 3 should also be returned * each rate should have structure of XXX: yyyy where XXX is given symbol and YYY is float value of calculated currency * “date” should be exact same as specificed in URL * If base is not provided default base is EUR * If symbols are not provided then all available will be returned |

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| test id: | 21 |
| Test title: | Rates API response test for specific Rate and Base and **specific date** #6 |
| test description: | verify that when you request currency rates for given base, rates and date API return correct data |
| test pre-conditions: | * access to internet * access to any REST API tool (e.g. Postman) |
| Test steps: | 1. Start Postman (or any other tool that can query REST API) and select new request 2. Use GET method 3. Use following URL <https://api.ratesapi.io/api/1999-12-12/?base=PLN&symbols=> 4. and hit “Send” button. You can also use “params” section to modify keys.   Key “base” should contain value of currency you want to calculate from. It can only be only currency e.g. PLN  Key “symbols” represent currencies to which you want convert base. It can either be 1 currency or multiple separated with comma e.g. GBP, USD   1. Verify following section:  * Status Code should be ‘200 OK” * In Header section Content-Type should be “application/json” * Body should return following structure:   {      "base": "PLN",      "rates": {          "GBP": 0.1491179911,          "HKD": 1.8821760199,          "CHF": 0.3815434559,          "SKK": 10.1226935288,          "DKK": 1.7760723749,          "LVL": 0.1415272241,          "ROL": 4332.9434511732,          "SEK": 2.047478099,          "CZK": 8.56777982,          "SGD": 0.4062253837,          "SIT": 47.2511159382,          "EUR": 0.2387033633,          "NOK": 1.9350488148,          "PLN": 1.0,          "LTL": 0.9688730814,          "CYP": 0.1376841,          "ZAR": 1.4839949395,          "CAD": 0.3572911942,          "ISK": 17.5614064402,          "JPY": 24.7797961473,          "EEK": 3.7348960447,          "MTL": 0.0993244695,          "NZD": 0.4863819731,          "USD": 0.2420690808,          "TRL": 126702.551738954,          "KRW": 274.2486811639,          "HUF": 60.6974912277,          "AUD": 0.3812570119      },      "date": "1999-12-12"  }   * Ensure that body contains following: * “base” should be same as in input query “base” value (not NULL,not empty) * “rates” should represent values of “symbols” in query * All “symbols” values appear in “Rates” e.g. if you use GBP,PLN, USD then all 3 should also be returned * each rate should have structure of XXX: yyyy where XXX is given symbol and YYY is float value of calculated currency * “date” should be exact same as specificed in URL * If base is not provided default base is EUR * If symbols are not provided then all available will be returned |

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| test id: | 22 |
| Test title: | Rates API response test for specific Rate and Base and **specific date** #7 |
| test description: | verify that when you request currency rates for given base, rates and date API return correct data |
| test pre-conditions: | * access to internet * access to any REST API tool (e.g. Postman) |
| Test steps: | 1. Start Postman (or any other tool that can query REST API) and select new request 2. Use GET method 3. Use following URL <https://api.ratesapi.io/api/2010-01-12/?base=&symbols=USD,GBP> 4. and hit “Send” button. You can also use “params” section to modify keys.   Key “base” should contain value of currency you want to calculate from. It can only be only currency e.g. PLN  Key “symbols” represent currencies to which you want convert base. It can either be 1 currency or multiple separated with comma e.g. GBP, USD   1. Verify following section:  * Status Code should be ‘200 OK” * In Header section Content-Type should be “application/json” * Body should return following structure:   {      "base": "EUR",      "rates": {          "USD": 1.4481,          "GBP": 0.8972      },      "date": "2010-01-12"  }   * Ensure that body contains following: * “base” should be same as in input query “base” value (not NULL,not empty) * “rates” should represent values of “symbols” in query * All “symbols” values appear in “Rates” e.g. if you use GBP,PLN, USD then all 3 should also be returned * each rate should have structure of XXX: yyyy where XXX is given symbol and YYY is float value of calculated currency * “date” should be exact same as specificed in URL * If base is not provided default base is EUR * If symbols are not provided then all available will be returned |

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| test id: | 23 |
| Test title: | Rates API response test using future date (negative test) #1 |
| test description: | verify that when you request currency rates using future date, API will handle it and return data from current date (or any latest available date) |
| test pre-conditions: | * access to internet * access to any REST API tool (e.g. Postman) |
| Test steps: | 1. Start Postman (or any other tool that can query REST API) and select new request 2. Use GET method 3. Use following URL <https://api.ratesapi.io/api/2030-01-12> 4. and hit “Send” button. You can also use “params” section to modify keys.   Key “base” should contain value of currency you want to calculate from. It can only be only currency e.g. PLN  Key “symbols” represent currencies to which you want convert base. It can either be 1 currency or multiple separated with comma e.g. GBP, USD   1. Verify following section:  * Status Code should be ‘200 OK” * In Header section Content-Type should be “application/json” * Body should return following structure:   {      "base": "EUR",      "rates": {          "GBP": 0.89153,          "HKD": 8.3964,          "IDR": 16077.45,          "ILS": 3.8321,          "DKK": 7.4548,          "INR": 82.1435,          "CHF": 1.0521,          "MXN": 25.6337,          "CZK": 27.61,          "SGD": 1.5426,          "THB": 34.684,          "HRK": 7.558,          "MYR": 4.732,          "NOK": 10.9663,          "CNY": 7.7068,          "BGN": 1.9558,          "PHP": 55.102,          "SEK": 10.6103,          "PLN": 4.5596,          "ZAR": 19.8913,          "CAD": 1.5202,          "ISK": 157.1,          "BRL": 6.2701,          "RON": 4.8388,          "NZD": 1.8096,          "TRY": 7.4276,          "JPY": 116.31,          "RUB": 78.908,          "KRW": 1332.42,          "USD": 1.0832,          "HUF": 353.39,          "AUD": 1.6736      },      "date": "2020-05-18"  }   * Ensure that body contains following: * each rate should have structure of XXX: yyyy where XXX is given symbol and YYY is float value of calculated currency * “date” should be current date – not a date in future! * If base is not provided default base is EUR * If symbols are not provided then all available will be returned |

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| test id: | 24 |
| Test title: | Rates API response test using future date (negative test) #2 |
| Test steps: | Repeat tested id: 23 but use following query instead: <https://api.ratesapi.io/api/2099-03-11/?base=&symbols=> |

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| test id: | 25 |
| Test title: | Rates API response test using future date (negative test) #3 |
| Test steps: | Repeat tested id: 23 but use following query instead: <https://api.ratesapi.io/api/2251-04-22/?base=&symbols=> |

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| test id: | 26 |
| Test title: | Rates API response test using wrong URL #1 |
| test description: | verify that Rates API is available but return error message when used with wrong url |
| test pre-conditions: | 1. access to internet 2. access to any REST API tool (e.g. Postman) |
| Test steps: | 1. Start Postman (or any other tool that can query REST API) and select new request 2. Use GET method 3. Use following URL <https://api.ratesapi.io/api/> and hit “Send” button 4. Verify following section: a.) Status Code should be ‘400 OK” b.) In Header section Content-Type should be “application/json” 5. Verify body contain following error message:   {      "error": "time data 'api' does not match format '%Y-%m-%d'"  } |

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| test id: | 27 |
| Test title: | Rates API response test using wrong URL #2 |
| test description: | verify that Rates API is available but return message when used with wrong url |
| test pre-conditions: | 1. access to internet 2. access to any REST API tool (e.g. Postman) |
| Test steps: | 1. Start Postman (or any other tool that can query REST API) and select new request 2. Use GET method 3. Use following URL <https://api.ratesapi.io/> and hit “Send” button 4. Verify following section: a.) Status Code should be ‘200 OK” b.) In Header section Content-Type should be “application/json” 5. Verify body contain following message:   {      "details": "https://exchangeratesapi.io"  } |

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| test id: | 28 |
| Test title: | Rates API response test using wrong URL #3 |
| test description: | verify that Rates API is available but return message when used with wrong url |
| test pre-conditions: | 1. access to internet 2. access to any REST API tool (e.g. Postman) |
| Test steps: | 1. Start Postman (or any other tool that can query REST API) and select new request 2. Use GET method 3. Use following URL <https://api.ratesapi.io/randomdata> and hit “Send” button 4. Verify following section: a.) Status Code should be ‘200 OK” b.) In Header section Content-Type should be “application/json” 5. Verify body contain following message:   {      "error": "time data 'randomdata' does not match format '%Y-%m-%d'"  } |