

# PHP Server RESTful API example to get message body

When call RESTful API containing JSON data in the body, server needs to take its content, but getting it by parameters may have some restrictions like data length or etc. To avoid that error, the easiest way can do it will be taking it from entity body directly. `file_get_contents('php://input')` will help you to solve it easily.

Below example is what I tested in PHP.

Let us assume we need to call following calling method:

```
curl -n -X POST 'http://magic.foo.net/api_test.php' -H 'Token: {blabhlbah}' -H 'Accept: text/xml, application
/xml, application/json' -H 'Content-Type: application/json' -d '{ "channels": [{ "channelId": "gentleman", "
channelName": "NEW K.ID", "channelNumber": "511", "logoUrl": "https://static.foo.com/media\
/fbfaux1c4d578f426943e0b1d94f81bfb18fce~mv2.png", "logoWidth": 100, "logoHeight": 50, "channelGenreCode": "62", "
adultFlag": false, "paidFlag": false, "adFlag": true, "tmsFlag": false, "promotionFlag": true, "contact": "+821025268644", "
resolution": "FHD", "channelType": "VOD", "streamContainerType": "MPD", "regionList": [{ "countryCode": "GB", "
countryRegionCode": "all"}, {"countryCode": "DE", "countryRegionCode": "all"}, {"countryCode": "FR", "
countryRegionCode": "all"}, {"countryCode": "ES", "countryRegionCode": "all"}, {"countryCode": "IT", "
countryRegionCode": "all"}], "activeTimePeriodStart": "2020-07-31T00:00:00Z", "activeTimePeriodEnd": "2029-07-31T00:
00:00Z", "visible": true, "deviceList": [{ "deviceName": "LG_TV", "deviceVersion": "all"}], "relatedProgramIdList":
[{ "programId": "5db2aae1df86dve35c177ac97b"}, {"programId": "5e40c1a6se703a05000158d6df"}, {"programId": "
5e4b39cd5f3f57d0001e90d55"}, {"programId": "5e45ec51fbfb400001e49664"}, {"programId": "5dc9f3eb70d7635e200ee83d"},
{"programId": "5db4ceafee0dda95bec1af4ae"}, {"programId": "5e40a997f742bb00018d2657"}, {"programId": "
5e4202c07628b30001f987eb"}, {"programId": "5e4e1d675f3f570001e93be9"}, {"programId": "5e4a67c82f6eaf000119bea8"},
{"programId": "5e4ca3a12f6eaf000119d9f9"}, {"programId": "5e3b78f02837c1500013d0f42"}, {"programId": "
5e4a589b2f6eafx000119be12"}, {"programId": "5e4ba3cd5f3f570001e915d4"}, {"programId": "5e4e1c2e2f6eaf000119ef42"},
{"programId": "5e4e171b5fd3f570001e93a3e"}, {"programId": "5e3d26c1e70305000158b539"}, {"programId": "
5e466614b1c387000109330c"}]}, {"channelId": "newid_002", "channelName": "MUKBANG", "channelNumber": "12", "logoUrl": "
https://static.wixstatic.com/media/fbfe8c_4dl61de9f09142788ce4059a837e7bd0~mv2.png", "logoWidth": 100, "
logoHeight": 50, "channelGenreCode": "57", "adultFlag": false, "paidFlag": false, "adFlag": true, "tmsFlag": false, "
promotionFlag": true, "contact": "+821025268644", "resolution": "FHD", "channelType": "VOD", "streamContainerType": "
MPD", "regionList": [{ "countryCode": "GB", "countryRegionCode": "all"}, {"countryCode": "DE", "countryRegionCode": "
all"}, {"countryCode": "FR", "countryRegionCode": "all"}, {"countryCode": "ES", "countryRegionCode": "all"},
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activeTimePeriodEnd": "2029-07-31T00:00:00Z", "visible": true, "deviceList": [{ "deviceName": "TV", "deviceVersion": "
all"}], "relatedProgramIdList": [], {"channelId": "newid_003", "channelName": "PBATour", "channelNumber": "13", "
logoUrl": "https://static.wixstatic.com/media/fbfe8c_b23be6440003417e8591b7db10ece72d~mv2.png", "logoWidth":
100, "logoHeight": 50, "channelGenreCode": "23", "adultFlag": false, "paidFlag": false, "adFlag": true, "tmsFlag": false, "
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all"}, {"countryCode": "FR", "countryRegionCode": "all"}, {"countryCode": "ES", "countryRegionCode": "all"},
{"countryCode": "IT", "countryRegionCode": "all"}], "activeTimePeriodStart": "2020-07-31T00:00:00Z", "
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logoUrl": "https://static.wixstatic.com/media/fbfe8c_d821c776b7cc40c4ab3e0e4594572b~mv2.png", "logoWidth":
100, "logoHeight": 50, "channelGenreCode": "18", "adultFlag": false, "paidFlag": false, "adFlag": true, "tmsFlag": false, "
promotionFlag": true, "contact": "+821025268644", "resolution": "FHD", "channelType": "VOD", "streamContainerType": "
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all"}, {"countryCode": "FR", "countryRegionCode": "all"}, {"countryCode": "ES", "countryRegionCode": "all"},
{"countryCode": "IT", "countryRegionCode": "all"}], "activeTimePeriodStart": "2020-07-31T00:00:00Z", "
activeTimePeriodEnd": "2029-07-31T00:00:00Z", "visible": true, "deviceList": [{ "deviceName": "TV", "deviceVersion": "
all"}], "relatedProgramIdList": [{"programId": "5e4e1c045f3f570001e93b94"}, {"programId": "
5e4e1bc110726e0001cd3853"}, {"programId": "5e4e1c115f3f570001e93b98"}, {"programId": "5e4e1c3d2f6eaf000119ef46"},
{"programId": "5e4e1c4310726e0001cd385f"}, {"programId": "5e4e1c2f5f3f570001e93ba0"}, {"programId": "
5e4ca2585f3f570001e924d9"}]}]}'
```

And below server example will take the JSON body:

```
<?php
```

```
$entityBody = file_get_contents('php://input');  
echo "STDIN\n\n" . $entityBody . "\n\n";
```

```
?>
```