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Subject: GET Materials/v1  
Posted by [Rafferty](#) on Tue, 25 Jun 2013 10:02:03 GMT  
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Hi,

If I try and call

<http://api.shapeways.com/materials/v1>

I get a page of documentation back for the API (which is fine).

How do I actually get some values back?

Do I need to pass my OAuth credentials as URL parameters. If so, what format should the URL take (I've already tried, and got 401 errors).

Thanks in advance

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Subject: Re: GET Materials/v1  
Posted by [hans.lambermont](#) on Tue, 25 Jun 2013 13:20:32 GMT  
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Hi Rafferty,

When you access the API without OAuth credentials you connect to the JSON API discovery system.

To get started with the API and OAuth please have a look at

[http://developers.shapeways.com/getting-started?li=dh\\_gs](http://developers.shapeways.com/getting-started?li=dh_gs)

regards,

Hans Lambermont

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Subject: Re: GET Materials/v1  
Posted by [ProfessorBeekums](#) on Tue, 25 Jun 2013 14:42:28 GMT  
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Sending oauth credentials as URL parameters will cause 401 errors. They need to be sent in the authorization header.

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Subject: Re: GET Materials/v1  
Posted by [Rafferty](#) on Tue, 02 Jul 2013 13:04:15 GMT  
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Thanks for your response.

I also get "(401) Unauthorised" when I send the oAuth in the header (that's why I was trying the URL instead). My HTTP request looks something like:

```
GET http://api.shapeways.com/materials/v1 HTTP/1.1
Authorization: OAuth oauth_consumer_key="???",oauth_nonce="???",oauth_signature=
"???",oauth_signature_method="HMAC-SHA1",oauth_timestamp=
"1372769703",oauth_version="1.0"
Host: api.shapeways.com
Connection: Keep-Alive
```

Thanks in advance

Rafferty

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Subject: Re: GET Materials/v1  
Posted by [ProfessorBeekums](#) on Wed, 03 Jul 2013 15:21:57 GMT  
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Are you getting a json error message with the 401? We send those so that you'll know why the 401 was sent.

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Subject: Re: GET Materials/v1  
Posted by [Rafferty](#) on Fri, 05 Jul 2013 15:37:05 GMT  
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Yeah! Thanks. The clue was in the JSON.

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