Device Model Service

Mobile devices are categorized by make and model, where make is generally the manufacturer of the device (such as Apple) and model is generally the specific product (such as iPhone). The read-only Device Model Service allows you to see what models of mobile devices are registered in the AppNexus system, as well as the make, device type (phone, tablet, or other device), device screen size, and supported capabilities (such as JavaScript creatives, Flash creatives, cookies) for each model. You can use this service to retrieve this data for targeting in mobile campaigns.

REST API

View all device models:

GET https://api.appnexus.com/device-model

View all device models of a specific type (i.e., pc, phone, or tablet):

GET https://api.appnexus.com/device-model?device_type=DEVICE_TYPE

View a specific device model:

GET https://api.appnexus.com/device-model?id=DEVICE_MODEL_ID

Find out which fields you can filter and sort by:

GET https://api.appnexus.com/device-model/meta

JSON Fields

<table>
<thead>
<tr>
<th>Field</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>id</td>
<td>int</td>
<td>The ID of the device model.</td>
</tr>
<tr>
<td>name</td>
<td>string</td>
<td>The name of the device model (such as iPhone).</td>
</tr>
<tr>
<td>Field</td>
<td>Type</td>
<td>Description</td>
</tr>
<tr>
<td>------------------------</td>
<td>---------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>device_make_id</td>
<td>int</td>
<td>The ID of the device make to which the model belongs. For example, the iPhone device model would belong to the Apple device make.</td>
</tr>
<tr>
<td>device_type</td>
<td>enum</td>
<td>The type of device. Possible values: pc, phone, tablet, tv, gameconsole, stb, mediaplayer</td>
</tr>
<tr>
<td>screen_width</td>
<td>int</td>
<td>The width of the screen on the device.</td>
</tr>
<tr>
<td>screen_height</td>
<td>int</td>
<td>The height of the screen on the device.</td>
</tr>
<tr>
<td>supports_js</td>
<td>Boolean</td>
<td>Not yet available. If true, the device supports JavaScript creatives. If null, AppNexus does not know whether or not the device supports JavaScript.</td>
</tr>
<tr>
<td>supports_cookies</td>
<td>Boolean</td>
<td>Not yet available. If true, the device supports cookies. If null, AppNexus does not know whether or not the device supports cookies.</td>
</tr>
<tr>
<td>supports_flash</td>
<td>Boolean</td>
<td>Not yet supported. If true, the device supports Flash creatives. If null, AppNexus does not know whether or not the device supports Flash.</td>
</tr>
<tr>
<td>supports_geo</td>
<td>Boolean</td>
<td>Not yet available. If true, the device can pass the latitude and longitude of users, when GPS data is available.</td>
</tr>
<tr>
<td>supports_html_video</td>
<td>Boolean</td>
<td>Not yet available. If true, the device supports HTML video creatives. If null, AppNexus does not know whether or not the device supports HTML video.</td>
</tr>
<tr>
<td>supports_html_audio</td>
<td>Boolean</td>
<td>Not yet available. If true, the device supports HTML audio creatives. If null, AppNexus does not know whether or not the device supports HTML audio.</td>
</tr>
<tr>
<td>device_make_name</td>
<td>int</td>
<td>The name of the device make to which the model belongs.</td>
</tr>
</tbody>
</table>
Codes

Third-party representations for the device model. See Codes below for more details.

Codes

Each object in the codes array contains the following fields.

<table>
<thead>
<tr>
<th>Field</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>id</td>
<td>int</td>
<td>The ID for the device model.</td>
</tr>
<tr>
<td>code</td>
<td>string</td>
<td>The third-party representation for the device model.</td>
</tr>
<tr>
<td>notes</td>
<td>string</td>
<td>Identification information about the third-party.</td>
</tr>
<tr>
<td>device_model_id</td>
<td>int</td>
<td>The ID for the device model.</td>
</tr>
</tbody>
</table>

Examples

>> View all models of mobile devices

```bash
$ curl -b cookies -c cookies 'https://api.appnexus.com/device-model'
```

```json
{
   "response": {
      "status": "OK",
      "count": 9033,
      "start_element": null,
      "num_elements": null,
      "device-models": [
         {
            "id": 1,
            "name": "Onetab XST2",
            "device_make_id": 1,
            "device_type": "tablet",
            "screen_width": null,
            "screen_height": null,
            "is_aggregated": false,
            "supports_js": null,
            "supports_cookies": null,
            "supports_flash": null,
            "supports_geo": null,
            "supports_html_video": null,
            "supports_html_audio": null,
            "device_make_name": "4G Systems",
            "codes": [
               {
                  "id": 1,
                  "code": "da-3499464",
                  "notes": "4G Systems:Onetab XST2",
                  "device_model_id": 1
```


```json

{
  "id": 2,
  "name": "PAD7",
  "device_make_id": 2,
  "device_type": "tablet",
  "screen_width": null,
  "screen_height": null,
  "is_aggregated": false,
  "supports_js": null,
  "supports_cookies": null,
  "supports_flash": null,
  "supports_geo": null,
  "supports_html_video": null,
  "supports_html_audio": null,
  "device_make_name": "A-Link",
  "codes": [  
    {
      "id": 2,
      "code": "da-3924965",
      "notes": "A-Link:PAD7",
      "device_model_id": 2
    }
  ]
},

{
  "id": 3,
  "name": "A101",
  "device_make_id": 3,
  "device_type": "tablet",
  "screen_width": null,
  "screen_height": null,
  "is_aggregated": false,
  "supports_js": null,
  "supports_cookies": null,
  "supports_flash": null,
  "supports_geo": null,
  "supports_html_video": null,
  "supports_html_audio": null,
  "device_make_name": "Acer",
  "codes": [  
    {
      "id": 3,
      "code": "da-3318996",
      "notes": "Acer:A101",
      "device_model_id": 3
    }
  ]
},

{
  "id": 4,
  "name": "A200",
  "device_make_id": 3,
  "device_type": "tablet",
  "screen_width": null,
  "screen_height": null,
  "is_aggregated": false,
```
"supports_js": null,
"supports_cookies": null,
"supports_flash": null,
"supports_geo": null,
"supports_html_video": null,
"supports_html_audio": null,
"device_make_name": "Acer",
"codes": [
  {
    "id": 4,
    "code": "da-3334186",
    "notes": "Acer:A200",
    "device_model_id": 4
  }
],
...
View a specific model of mobile device

```bash
$ curl -b cookies -c cookies 'https://api.appnexus.com/device-model?id=2'
```

```
"response": {
   "status": "OK",
   "count": 1,
   "num_elements": null,
   "device-model": {
      "id": 2,
      "name": "PAD7",
      "device_make_id": 2,
      "device_type": "tablet",
      "screen_width": null,
      "screen_height": null,
      "is_aggregated": false,
      "supports_js": null,
      "supports_cookies": null,
      "supports_flash": null,
      "supports_geo": null,
      "supports_html_video": null,
      "supports_html_audio": null,
      "device_make_name": "A-Link",
      "codes": [
         {
            "id": 2,
            "code": "da-3924965",
            "notes": "A-Link:PAD7",
            "device_model_id": 2
         }
      ]
   }
}
```

View all models of "tablet" devices

```bash
$ curl -b cookies -c cookies 'https://api.appnexus.com/device-model?device_type=tablet'
```

```
{
   "response": {
      "status": "OK",
      "count": 547,
      "num_elements": null,
      "device-models": [
      }
```
"id": 1,
"name": "Onetab XST2",
"device_make_id": 1,
"device_type": "tablet",
"screen_width": null,
"screen_height": null,
"is_aggregated": false,
"supports_js": null,
"supports_cookies": null,
"supports_flash": null,
"supports_geo": null,
"supports_html_video": null,
"supports_html_audio": null,
"device_make_name": "4G Systems",
"codes": [
  {
    "id": 1,
    "code": "da-3499464",
    "notes": "4G Systems:Onetab XST2",
    "device_model_id": 1
  }
],

"id": 2,
"name": "PAD7",
"device_make_id": 2,
"device_type": "tablet",
"screen_width": null,
"screen_height": null,
"is_aggregated": false,
"supports_js": null,
"supports_cookies": null,
"supports_flash": null,
"supports_geo": null,
"supports_html_video": null,
"supports_html_audio": null,
"device_make_name": "A-Link",
"codes": [
  {
    "id": 2,
    "code": "da-3924965",
    "notes": "A-Link:PAD7",
    "device_model_id": 2
  }
],

"id": 3,
"name": "A101",
"device_make_id": 3,
"device_type": "tablet",
"screen_width": null,
"screen_height": null,
"is_aggregated": false,
"supports_js": null,
"supports_cookies": null,
"supports_flash": null,
"supports_geo": null,
"supports_html_video": null,
"supports_html_audio": null,
"device_make_name": "Acer",
"codes": [
  {
    "id": 3,
    "code": "da-3318996",
    "notes": "Acer:A101",
    "device_model_id": 3
  }
],

{
  "id": 4,
  "name": "A200",
  "device_make_id": 3,
  "device_type": "tablet",
  "screen_width": null,
  "screen_height": null,
  "is_aggregated": false,
  "supports_js": null,
  "supports_cookies": null,
  "supports_flash": null,
  "supports_geo": null,
  "supports_html_video": null,
  "supports_html_audio": null,
  "device_make_name": "Acer",
  "codes": [
    {
      "id": 4,
      "code": "da-3334186",
      "notes": "Acer:A200",
      "device_model_id": 4
    }
  ]
},
...
]