

# Mobile App Instance Service

## Mobile App Instance Service

This **read-only** service is used to retrieve app "instances". Each object retrieved by a call to this service is an "instance" of an app described in the [Mobile App Service](#). App instances can be created via the [Mobile App Instance List Service](#).

You can add or remove mobile app instances from your campaign targeting using the [Profile Service](#) – see the [Examples](#) section below.

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### REST API

**Retrieve a specific instance of a mobile app:**

GET <https://api.appnexus.com/mobile-app-instance?id=8>

**View all of the mobile app instances in our system:**

GET <https://api.appnexus.com/mobile-app-instance>

### JSON Fields

Name	Type	Description
instance-bundle	array of objects	The identifying information associated with this particular instance of an app. For details, see <a href="#">Instance Bundle</a> below.
id	int	The ID of this app instance.
mobile_app_store_id	int	The mobile app store this instance is available in. For more information, see the <a href="#">Mobile App Store Service</a> .
store.name	string	The name of the mobile app store this instance of the app is available in.
store.url	string	The app store URL where this instance of the app can be found.

mobile_app_store	multi_object	The mobile app store this instance of the app can be found in.
last_modified	date	When this app instance was last updated in our system.
created_on	date	When this app instance was created in our system.

### Instance Bundle

Name	Type	Description
bundle_id	string	The bundle ID associated with this app.
os_family_id	int	The operating system family ID associated with this app. For details, see the <a href="#">Operating System Family Service</a> .
last_modified	date	When this instance's bundle was last updated in our system.
created_on	date	When this instance's bundle was created in our system.

### Examples

#### >> *Get an existing mobile app instance*

You can view an existing mobile app instance with a `GET` call:

```
$ curl -b cookies 'https://api.appnexus.com/mobile-app-instance?id=108'
```

```
{
  "response": {
    "status": "OK",
    "count": 1,
    "start_element": 0,
    "num_elements": 100,
    "mobile-app-instance": {
      "id": 108,
      "last_modified": "2014-01-16 17:08:50",
      "created_on": "2014-01-16 17:08:50",
      "mobile_app_store": "",
      "instance-bundle": [
        {
          "bundle_id": "3223423",
          "os_family_id": 3,
          "instance_priority_id": 1,
          "last_modified": "2014-01-23 20:42:57",
          "created_on": "2014-01-16 17:07:24"
        }
      ]
    }
  }
}
```

**>> Add a mobile app instance to your campaign targeting profile**

```

$ cat profile-update.json

{
  "profile": {
    "mobile_app_instance_action_include": true,
    "mobile_app_instance_targets": [
      {
        "id": 56
      }
    ]
  }
}

$ curl -b cookies -X PUT -d @profile-update.json
'https://api.appnexus.com/profile?id=140537'

{
  "response":{
    "profile":{
      "mobile_app_instance_targets":[
        {
          "deleted":false,
          "os_family_id":2,
          "bundle_id":"dsad.com.com",
          "id":56
        }
      ],
      ...SNIP...
    },
    "num_elements":100,
    "start_element":0,
    "id":"140537",
    "count":1,
    "status":"OK"
  }
}

```

## Related Topics

- [API Semantics](#)
- [API Best Practices](#)
- [Mobile App Service](#)
- [Mobile App Store Service](#)
- [Mobile App Instance List Service](#)