Request API: Stack endpoint

The stack endpoint allows you to request **one position** for which Adhese will return a **list of ads**. There are 2 versions:

1. /m/stack/: returns a limited amount of ads
2. /e/stack/: returns an unlimited[1] amount of ads[2]

> **1** The adserver rules still apply and will influence which campaigns are part of the response. Not all booked campaigns are necessarily part of the returned array.

> **2** The **/e/stack/** endpoint must be enabled by Adhese support before it becomes available

m/stack request

```
https://ads-[customer].adhese.com/m/stack/sl[positioncode]/[target prefix][target value]?max_ads=[amount]
```

Parameters	Value	Required
customer	The name of your Adhese account	Yes
position code	The code of the position you wish to request is [location code]-[format code]. This value is always prefixed by 'sl'.	Yes
custom target	Target data can be provided by adding a prefix followed by a value. Multiple values can be added by separating them with a ;	No
max_ads[1]	The maximum number of ads you wish to request	Yes

> **1** A configuration on the adserver can be activated to ensure the max_ads value never exceeds a specific limit. When the parameter is left empty, the configured limit will be used instead.

e/stack request

```
https://ads-[customer].adhese.com/e/stack/sl[positioncode]/[target prefix][target value]
```

Parameters	Value	Required
customer	The name of your Adhese account	Yes
position code	The code of the position you wish to request is [location code]-[format code]. This value is always prefixed by 'sl'.	Yes
custom target	Target data can be provided by adding a prefix followed by a value. Multiple values can be added by separating them with a ;	No

Stack response

The response contains JSON code: an **ads** array that will either be empty or populated with one or more objects, depending on the number of active campaigns.

The structure of the objects within the array is determined by the advar template used when setting up the creatives.

Example response


```
{
    "ads":[
        {
            "id":"https://pool-demo.adhese.com/pool/lib/562_2nd_1.mp4",
            "dur":28.07,
            "prio":15,
            "booking_prio":0,
            "publisher":"1",
            "key":"",
            "proofOfPlay":"https://ads-
```

```
demo.adhese.com/track/3474/sl357/tlnone/piplayer_id/A2?1746011926824",
            "error":"https://ads-demo.adhese.com/track/3474-
PLAY_ERROR_[ERRORCODE]/sl357/tlnone/piplayer_id/A2/?1746011926824"
        },
        {
            "id":"https://pool-demo.adhese.com/pool/lib/561_2nd_1.mp4",
            "dur":11.45,
            "prio":15,
            "booking_prio":0,
            "publisher":"1",
            "key":"",
            "proofOfPlay":"https://ads-
demo.adhese.com/track/3444/sl357/tlnone/piplayer_id/A2?1746011926824",
            "error":"https://ads-demo.adhese.com/track/3444-
PLAY_ERROR_[ERRORCODE]/sl357/tlnone/piplayer_id/A2/?1746011926824"
        },
        {
            "id":"https://pool-demo.adhese.com/pool/lib/560_2nd_1.mp4",
            "dur":18.85,
            "prio":15,
            "booking_prio":0,
            "publisher":"1",
            "key":"",
            "proofOfPlay":"https://ads-
demo.adhese.com/track/3455/sl357/tlnone/piplayer_id/A2?1746011926824",
            "error":"https://ads-demo.adhese.com/track/3455-
PLAY_ERROR_[ERRORCODE]/sl357/tlnone/piplayer_id/A2/?1746011926824"
        }
    ]
}
```


Common response Fields

Field	Description
id	Creative URL
dur	Duration in milliseconds
proofOfPlay	Tracking URL after playback
error	Tracking URL for playback errors

Sorting the returned list

The order in which the ads array is populated can be be configured by using the **sequence** property in the advar template.

As value you can use a number that is filled in through the advar form, or use one of the Adhese macro's that return an ID.

When the **sequence** property is added and given a value, the adserver will sort the available ads based on its value. In the example below we use the CREATIVE ID to sort the array **from lowest ID to highest ID**.

```
"sequence": <ADHESE_LIB_ID>
```

> The sequence property is only used by the adserver and will be removed before the response is returned

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