

Call Initiation API Documentation

Overview

The Call Initiation API allows you to log and process call records by submitting caller details and call duration information. This endpoint is used for call tracking, analytics, and maintaining accurate call logs.

Endpoint Details

Method	POST
Base URL	https://xyolo.in/
Content-Type	application/x-www-form-urlencoded

Request Parameters

The request must include the following parameters in the form-data body:

Parameter	Type	Required	Description	Example
caller_country_code	String	Yes	International country code with + prefix	+1
caller_number	String	Yes	Phone number without country code	9878478478
call_duration	Integer	Yes	Duration of call in seconds	600

Parameter Details

caller_country_code: The International Direct Dialing (IDD) country code. Examples: +1 (USA/Canada), +44 (UK), +91 (India), +86 (China)

caller_number: The phone number without country code. Typically 10 digits for Indian numbers, but may vary by country

call_duration: The total duration of the call in seconds. For example, 600 represents a 10-minute call

Request Example - PHP cURL

```
<?php
$curl = curl_init();
curl_setopt_array($curl, array(
    CURLOPT_URL => 'https://xyolo.in/',
    CURLOPT_RETURNTRANSFER => true,
    CURLOPT_CUSTOMREQUEST => 'POST',
    CURLOPT_POSTFIELDS => array(
        'caller_country_code' => '+91',
        'caller_number' => '9878478478',
        'call_duration' => '600'
    ),
));
$response = curl_exec($curl);
curl_close($curl);
echo $response;
?>
```

Request Example - JavaScript (Fetch)

```
const formData = new FormData();
formData.append('caller_country_code', '+91');
formData.append('caller_number', '9878478478');
formData.append('call_duration', '600');

fetch('https://xyolo.in/', {
  method: 'POST',
  body: formData
})
.then(response => response.json())
.then(data => console.log('Success:', data))
.catch(error => console.error('Error:', error));
```

Response Format

The API returns a JSON response with the following structure:

Field	Type	Description
status	Boolean	Indicates successful processing. true = success, false = failure
message	String	Additional information or error details. Empty string on success

Example Success Response

```
{
  "status": true,
  "message": ""
}
```

HTTP Response Codes

HTTP Code	Meaning	Description
200	OK	Request processed successfully
400	Bad Request	One or more required parameters are missing or invalid
405	Method Not Allowed	Request method is not POST
429	Rate Limited	Too many requests in a short time period
500	Server Error	Server encountered an unexpected error

Validation Rules

caller_country_code

- Must include the + prefix
- Must be a valid IDD country code
- Cannot be empty

caller_number

- Must be a valid phone number for the specified country
- Should not include the country code (only local number)
- Must contain only numeric characters
- Cannot be empty

call_duration

- Must be a positive integer
- Represents duration in seconds
- Minimum value: 1 second
- Cannot be empty or zero

Use Cases

This API is typically used for:

- Recording incoming and outgoing call logs
- Tracking call duration and caller information
- Maintaining call history for billing or analytics
- Integrating with VoIP or call center systems
- Generating call reports and statistics

Error Handling

```
<?php
$response = curl_exec($curl);
$httpCode = curl_getinfo($curl, CURLINFO_HTTP_CODE);

if ($httpCode === 200) {
    $data = json_decode($response, true);
    if ($data['status'] === true) {
        echo "Call logged successfully";
    } else {
        echo "Error: " . $data['message'];
    }
} else {
    echo "HTTP Error: " . $httpCode;
}
curl_close($curl);
?>
```

Best Practices

- 1. **Always validate input** before sending the request to ensure data quality
- 2. **Implement retry logic** for failed requests (with exponential backoff)
- 3. **Log all requests and responses** for debugging and audit purposes
- 4. **Use environment variables** for the endpoint URL instead of hardcoding it
- 5. **Set appropriate timeout values** to prevent hanging connections
- 6. **Handle rate limiting** gracefully if the API enforces request limits
- 7. **Sanitize user input** to prevent injection attacks

Troubleshooting

Issue	Possible Cause	Solution
Invalid phone format	Non-numeric characters or incorrect format	Verify phone number format matches country standard
Invalid country code	Missing + prefix or invalid code	Verify country code with + prefix
HTTP 429	Too many requests sent	Implement request throttling and retry with backoff
HTTP 500	Server-side issue	Retry after delay; contact support if persists
No response received	Network timeout	Increase timeout value and check connectivity

For technical support or questions regarding this API, please contact our support team.