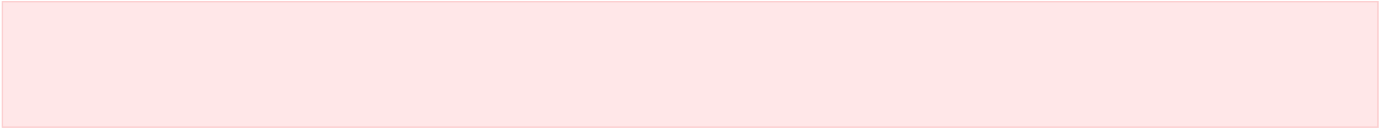


-----

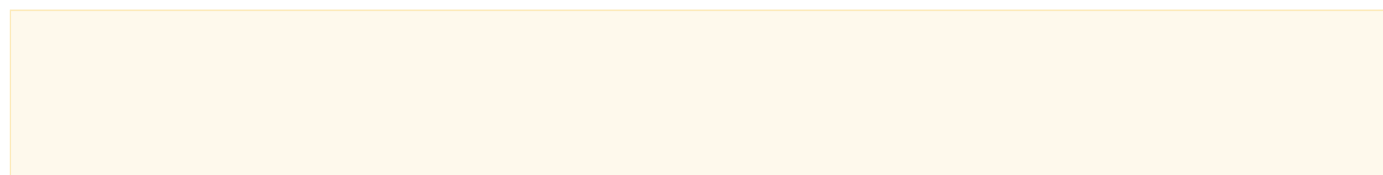
-----

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API Keys      Your Games

---



```
dotnet add package ConstructServices
```

```
nuget install ConstructServices
```

```
Install-Package ConstructServices
```

-----

range

rangeOffset

compareRanks

- 
- 
-

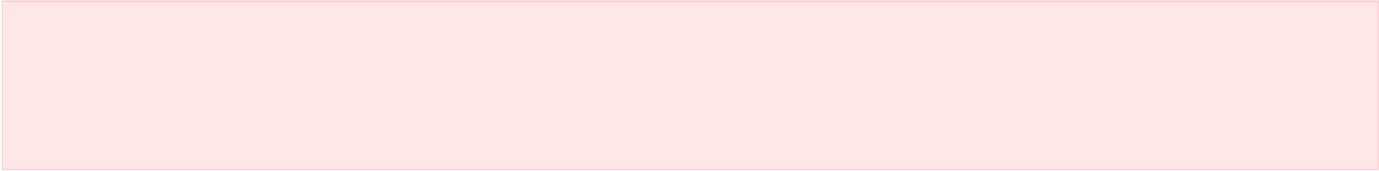




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country

US

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```
var cultureCode = navigator.language; //pt-BR
```



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Top score      Average score      Total scores



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Diamond Tier

Gold Tier

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Rank exactly equal to

Rank is in top N% of scores

Rank is in top N scores

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```
{
  "requestedPage": 5,
  "formattedRequestedPage": "5",
  "totalPages": 1003,
  "formattedTotalPages": "1,003",
  "recordsPerPage": 2,
  "formattedRecordsPerPage": "2",
  "totalRecords": 2005,
  "formattedTotalRecords": "2,005",
  "prevPage": 4,
  "formattedPrevPage": "4"
  "nextPage": 6,
  "formattedNextPage": "6"
}
```

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```
{
  "scoreID": "8478281d-88dd-429e-9a96-d08a3f37631c",
  "score": 4424,
  "formattedScore": "4,424",
  "rank": 15,
  "ordinal": "th",
  "formattedRank": "15th",
  "country": "NL",
  "countryRank": 3,
  "countryOrdinal": "rd",
  "formattedCountryRank": "3rd",
  "date": "2025-01-28T11:40:46.2",
  "playerIdentifier": null,
  "updates": 0,
  "compareScore": { ... },
  "teamID": "43aa1c63-28e2-464e-80f8-b1c2d8ae9696",
  "teamName": "Blue Team",
  "tier": { ... },
  "optionalValue1": 23
}
```

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---

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1-3



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```
{  
  "globalScores": 1124005,  
  "formattedGlobalScores": "1,124,005",  
  "countryScores": 40104,  
  "formattedCountryScores": "40,104"  
}
```

---

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---

```
{  
  "date": "2025-01-28T11:40:46.2",  
  "score": 4424,  
  "formattedScore": "4,424",  
  "rank": 15,  
  "ordinal": "th",  
  "formattedRank": "15th",  
  "countryRank": 3,  
  "countryOrdinal": "rd",  
  "formattedCountryRank": "3rd"  
}
```

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```
{
  "teamID": "f8a013a9-1f8c-438d-bef3-4668d52b0b81",
  "dateCreated": "2025-04-02T09:09:50.657",
  "name": "Red Team",
  "rank": 2,
  "ordinal": "nd",
  "formattedRank": "2nd",
  "players": 4,
  "formattedPlayers": "4",
  "scores": 4,
  "formattedScores": "4",
  "totalScoreValues": 141116,
  "formattedTotalScoreValues": "02:21:0116",
  "averageScore": 35279,
  "formattedAverageScore": "00:35:0279",
  "bestScore": 35279,
  "formattedBestScore": "00:35:0279"
}
```

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```
{  
  "id": "diamond",  
  "name": "Diamond Tier"  
}
```

---

---

---

```
{  
  "dateBanned": "2025-04-23T00:00:00",  
  "playerIdentifier": "Gordon"  
}
```

---

---

```
{  
  "dateBanned": "2025-04-23T00:00:00",  
  "ipHash": -23471271,  
  "country": "US"  
}
```

---



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---

```
https://leaderboards.construct.net/postscore.json
```

---

```
var key = (leaderboardID + "." + score + "." + unixTimestamp + "." + playerIdentifier).Normal  
return SHA256(key);
```

---

```
{  
  "success":false,  
  "errorMessage":"timestamp is required parameter.",  
  "shouldRetry":false  
}
```

```
{  
  "success": true,  
  "formattingCulture": "en-US",  
  "score": { ... },  
  "leaderboard": { ... },  
  "personalBest": true  
}
```

-----

---

```
https://leaderboards.construct.net/adjustscore.json
```

---

```
var key = (leaderboardID + "." + adjustment + "." + scoreRecordID + "." + unixTimestamp + ".  
return SHA256(key);
```

-----

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-----

```
{
  "success":false,
  "errorMessage":"Either hash or secret must be posted.",
  "shouldRetry":false
}
```

---

---

---

```
{
  "success": true,
  "formattingCulture": "en-US",
  "score": { ... },
  "leaderboard": { ... },
  "personalBest": true
}
```

---

---

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`https://leaderboards.construct.net/getscores.json`

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xx

Daily Weekly Monthly Yearly

```
{
  "success":false,
  "errorMessage":"leaderBoardID is required parameter.",
  "shouldRetry":false
}
```

```
{  
  "success": true,  
  "pagination": { ... },  
  "formattingCulture": "en-US",  
  "scores": [...],  
}
```

<https://leaderboards.construct.net/getnewestscores.json>

XX

```
{
  "success":false,
  "errorMessage":"leaderBoardID is required parameter.",
  "shouldRetry":false
}
```

```
{
  "success": true,
  "pagination": { ... },
  "formattingCulture": "en-US",
```

```
"scores": [...],  
}
```

-----

-----

-----

-----

<https://leaderboards.construct.net/getplayerscores.json>



```
{  
  "success":false,  
  "errorMessage":"No playerId value was sent",  
  "shouldRetry":false  
}
```

---

---

---

```
{  
  "success": true,  
  "pagination": { ... },  
  "formattingCulture": "en-US",  
  "scores": [...],  
}
```

---

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```
https://leaderboards.construct.net/getscoreneighbours.json
```

---

---

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---

---

---

```
{  
  "success":false,  
  "errorMessage":"Invalid leaderboardID",  
  "shouldRetry":false  
}
```

```
{  
  "success": true,
```

```
"formattingCulture": "en-US",  
"scores": [...],  
}
```

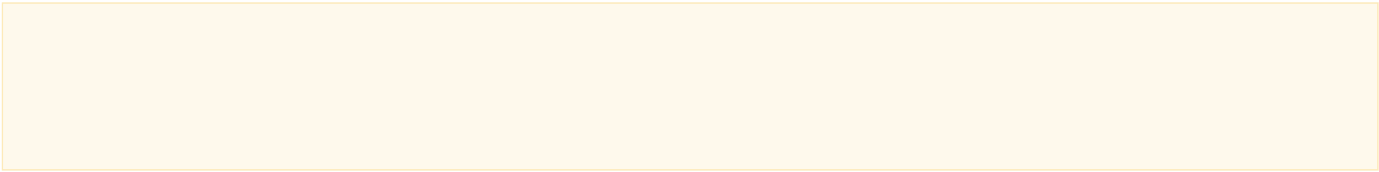
-----

-----

-----

range

-----



 `https://leaderboards.construct.net/getscorehistory.json`

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-----

```
{
  "success":false,
  "errorMessage":"This leaderboard does not support score histories.",
  "shouldRetry":false
}
```

---

---

---

```
{
  "success": true,
  "scoreID": "c9547c1e-d219-4894-8c9f-13c5119c4563",
  "playerIdentifier": "Tom",
  "country": "US",
  "formattingCulture": "en-US",
  "scoreHistory ": [...],
}
```

---

-----

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-----

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-----



---

```
https://leaderboards.construct.net/deletescores.json
```

---

---

---

---

---

```
{  
  "success":false,  
  "errorMessage":"timestamp is required parameter.",  
  "shouldRetry":false  
}
```

---

---

---


```
{  
  "success": true,  
  "scoresDeleted": 500,  
  "mightHaveMore": true  
}
```

---

---

---

-----

<https://leaderboards.construct.net/shadowban.json>

-----

-----

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-----

```
{  
  "success":false,  
  "errorMessage":"timestamp is required parameter.",  
  "shouldRetry":false  
}
```

```
{  
  "success": true
```

}

---

---

```
https://leaderboards.construct.net/unshadowban.json
```

---

---

---

---

```
{
  "success":false,
  "errorMessage":"timestamp is required parameter.",
  "shouldRetry":false
}
```

```
{
  "success": true
}
```

-----



---

```
https://leaderboards.construct.net/getipshadowbans.json
```

---

---

---

---

---

```
{  
  "success":false,  
  "errorMessage":"This leaderboard does not support score histories.",  
  "shouldRetry":false  
}
```

---

---

---

```
{  
  "success": true,  
  "pagination": { ... },  
  "bans": [...],  
}
```

---

---

---

---

```
https://leaderboards.construct.net/getplayeridshadowbans.json
```

---

---

---

---

```
{  
  "success":false,  
  "errorMessage":"This leaderboard does not support score histories.",  
  "shouldRetry":false  
}
```

---

---

---

```
{  
  "success": true,  
  "pagination": { ... },  
  "bans": [...],  
}
```

---

---

---

---

```
https://leaderboards.construct.net/createteam.json
```

---

---

```
{  
  "success":false,  
  "errorMessage":"Teams are not enabled for this leaderboard.",
```

```
"shouldRetry":false  
}
```

---

---

---

```
{  
  "success": true,  
  "id": "52bb3e1e-2620-4782-81ce-f22c2d973478"  
}
```

---

---

---

```
https://leaderboards.construct.net/renameteam.json
```

---

---

---

---

---

```
{  
  "success":false,  
  "errorMessage":"Team name is too long.",  
  "shouldRetry":false  
}
```

---

---

---

```
{  
  "success": true  
}
```

---



---

```
https://leaderboards.construct.net/assignplayertoteam.json
```

---

---

---

---

---

```
{  
  "success":false,  
  "errorMessage":"That player is already on this team.",  
  "shouldRetry":false  
}
```

---

---

---

```
{  
  "success": true  
}
```

---

---

```
https://leaderboards.construct.net/removeplayerfromteam.json
```

---

---

---

---

---

```
{  
  "success":false,  
  "errorMessage":"That player isn't on this team.",  
  "shouldRetry":false  
}
```

---

---

---

```
{  
  "success": true  
}
```

---

---

```
https://leaderboards.construct.net/deleteteam.json
```

```
{  
  "success":false,  
  "errorMessage":"Passed team ID does not exist.",  
}
```

```
"shouldRetry":false  
}
```

---

---

---

```
{  
  "success": true  
}
```

---

---

```
https://leaderboards.construct.net/getteam.json
```

---

---

---

```
{  
  "success":false,  
  "errorMessage":"Invalid leaderboard ID passed.",  
  "shouldRetry":false  
}
```


```
{  
  "success": true  
  "team": { ... },  
  "formattingCulture": "en-US"  
}
```



---

---

---



```
https://leaderboards.construct.net/getteams.json
```

---

---

---

---

---

```
{
  "success":false,
  "errorMessage":"Invalid leaderboard ID passed.",
  "shouldRetry":false
}
```

---

---

---

```
{
  "success": true
  "pagination": { ... },
  "teams": [ ... ],
  "formattingCulture": "en-US"
}
```

---

---

---

-----

-----

<https://leaderboards.construct.net/getteampayers.json>

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-----

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-----

-----

score

---

```
{
  "success":false,
  "errorMessage":"That team does not exist.",
  "shouldRetry":false
}
```

---

---

```
{
  "success": true
  "pagination": { ... },
  "team": { ... },
  "players": [
    {
      "playerID": "Athena Hooper",
      "currentScore": 35279,
      "formattedScore": "00:35:0279"
    },
    {
```

---

```
    "playerID": "Minnie Cabrera",  
    "currentScore": 35279,  
    "formattedScore": "00:35:0279"  
  },  
  {  
    "playerID": "Roisin Morrow",  
    "currentScore": null  
  },  
  {  
    "playerID": "Virginia Rowe",  
    "currentScore": 35279,  
    "formattedScore": "00:35:0279"  
  }  
],  
"formattingCulture": "en-US"  
}
```

null

-----