

Authorization Header:

**Key: Authorization**

**Value: Bearer L8yUwg1wljco3j57u59XdkGKalrK0NtTMX1ok8fSCSYBVj5Vdu**

**raceTrackID: A ~ R**

METHOD	URL	BODY EXAMPLE	RETURN EXAMPLE
GET	/v2/forecast/ {{raceTrackID}}	-	{  "raceTrackID": "A",  "term": 9627611,  "scheduledGameStartTime": 1741588191,  "scheduledResultOpeningTi me": 1741588371, "anticipatedRaceTime": 180 }
POST	/start	{ "raceTrackID": "A", "term": "9627611", "actualStartTime": 1741588191 "startingPosition": "8,7,6,5,4,3,2,1" // 支持八颗弹珠的赛道 }	OK / NOK
POST	/end	{  "raceTrackID": "A",  "term": "5686867",  "actualEndTime": 1706060700,	OK / NOK

		"status": 1, // 1: 正常, 0: 不正常 }	
POST	/result	<pre> {   "raceTrackID": "A",   "term": "5686867",   "actualResultOpeningTime": 1706062700,   "result": [     "2",     "3",     "6",     "5",     "8" ],   "timings": "[ { "pm": 1, "id": 8, "time": 120.11 }, { "pm": 2, "id": 8, "time": 122.73 }, { "pm": 3, "id": 8, "time": 123.24 }, { "pm": 4, "id": 8, "time": 125.89 }, { "pm": 5, "id": 8, "time": 126.01 }, { "pm": 6, "id": 8, "time": 128.27 }, { "pm": 7, "id": 8, "time": 129.35 }, { "pm": 8, "id": 8, "time": 130.98 }, { "pm": 9, "id": 8, "time": 130.99 }, { "pm": 10, "id": 8, "time": 131.22 } ]",   "lapTime": 65.33 } </pre> <p>pm: 排名, current order  id: marble id number  time: 完成时间 (秒)</p>	

		lapTime: 单圈完成时间 (秒)	
POST	/upload/ {{raceTrackID}}/ {{term}}	Form Data { "file": your_file.jpeg / jpg / png, "picture": your_picture.jpeg / jpg / png }	OK / NOK
GET	/stream/ {{raceTrackID}}	-	Stream URL
POST	/status/ {{racetrackID}}	{ "status": true // true: 正常, false: 不正 常 }	OK/NOK
POST	/lapTime	{ "raceTrackID": "A", "term": "5686867", "position": 1, // 1 到 10 "lapTime": 68.78 }	OK/NOK

**WEBSOCKET HOST: ws.kaj789.com**

**ROUTE: /live**

Authorization:

**Param: token**

**Value: L8yUwg1wljco3j57u59XdkGKalrK0NtTMX1ok8fSCSYBVj5Vdu**

完整链接:

**ws.kaj789.com/live?token=L8yUwg1wljco3j57u59XdkGKalrK0NtTMX1ok8fSCSYBVj5Vdu**

**Expected Params:**

Key	Explanation
raceTrackID	Race Track ID : A, B, C, D, E etc
term	Term of the race. Example: 5712844
timestmapMs	现场 unixtime （毫秒）
result	<p>Array of object of current marble positions, payload example:</p> <pre>[   { "pm": 1, "id": 8, "x": 104, "y": 645, "bFloat": 15.01,     "b": 15, "t": 10000 },   { "pm": 2, "id": 3, "x": 101, "y": 355, "bFloat": 13.01,     "b": 13, "t": 10000 },   { "pm": 3, "id": 5, "x": 77, "y": 642, "bFloat": 12.01,     "b": 12, "t": 10000 },   { "pm": 4, "id": 8, "x": 54, "y": 745, "bFloat": 10.04,     "b": 10, "t": 10000 },   { "pm": 5, "id": 7, "x": 31, "y": 891, "bFloat": 10.03,     "b": 10, "t": 10000 },   { "pm": 6, "id": 6, "x": 128, "y": 735, "bFloat": 10.02,     "b": 10, "t": 10000 },   { "pm": 7, "id": 2, "x": 191, "y": 444, "bFloat": 10.01,     "b": 10, "t": 10000 },   { "pm": 8, "id": 1, "x": 124, "y": 605, "bFloat": 9.01,     "b": 9, "t": 10000 },   { "pm": 9, "id": 9, "x": 78, "y": 695, "bFloat": 8.01, "b":     8, "t": 10000},   { "pm": 10, "id": 10, "x": 79, "y": 635, "bFloat": 7.01,     "b": 7, "t": 10000 }</pre>

	<p>]</p> <p>pm: 排名, current order</p> <p>id: marble id number</p> <p>x: x coordinates</p> <p>y: y coordinates</p> <p>bFloat: 赛道完成百分比 % (float 2 decimals)</p> <p>b: 赛道完成百分比 %</p> <p>t: 时间（毫秒），弹珠在跑道上的时间，到终点了就不再增加</p>
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Example Expected Full Payload:

```
{
  "raceTrackID": "D",
  "term": "5712844",
  "result": [
    { "pm": 1, "id": 8, "x": 104, "y": 645, "bFloat": 15.01, "b": 15, "t": 10000 },
    { "pm": 2, "id": 3, "x": 101, "y": 355, "bFloat": 13.01, "b": 13, "t": 10000 },
    { "pm": 3, "id": 5, "x": 77, "y": 642, "bFloat": 12.01, "b": 12, "t": 10000 },
    { "pm": 4, "id": 8, "x": 54, "y": 745, "bFloat": 10.04, "b": 10, "t": 10000 },
    { "pm": 5, "id": 7, "x": 31, "y": 891, "bFloat": 10.03, "b": 10, "t": 10000 },
    { "pm": 6, "id": 6, "x": 128, "y": 735, "bFloat": 10.02, "b": 10, "t": 10000 },
    { "pm": 7, "id": 2, "x": 191, "y": 444, "bFloat": 10.01, "b": 10, "t": 10000 },
    { "pm": 8, "id": 1, "x": 124, "y": 605, "bFloat": 9.01, "b": 9, "t": 10000 },
    { "pm": 9, "id": 9, "x": 78, "y": 695, "bFloat": 8.01, "b": 8 },
    { "pm": 10, "id": 10, "x": 79, "y": 635, "bFloat": 7.01, "b": 7 }
  ],
  "timestampMs": 1741588467419
}
```