# Fetching Data

## URLs

/api/<version>/races/<race>/runs/<run>/startlist

Parameter: groupby=[class|group|sex]

/api/<version>/races/<race>/runs/<run>/nextstarters

Parameter: limit=<number of items>

/api/<version>/races/<race>/runs/<run>/resultlist

Parameter: groupby=[class|group|sex]

/api/<version>/races/<race>/resultlist

Parameter: groupby=[class|group|sex]

/api/<version>/races/<race>/metadata

**Note:  
<**run> and <race> counting starts with “0”.

### Examples:

#### Races:

Race 1, Run 1: [http://192.168.1.10:8081/api/v0.1/races](http://192.168.1.10:8081/api/v0.1/races/1/runs/1/startlist)

Race 1, Run 1: <http://192.168.1.10:8081/api/v0.1/races/0/runs/0/startlist>

Race 3, Run 2: <http://192.168.1.10:8081/api/v0.1/races/2/runs/1/resultlist>

Race 2: <http://192.168.1.10:8081/api/v0.1/races/1/resultlist>

Race Current, Run Current (let id empty):  
 <http://192.168.1.10:8081/api/v0.1/races//runs//startlist>

#### Participants:

Race 2: <http://192.168.1.10:8081/api/v0.1/races/1/particpants>

## Grouping

?groupby=[class|group|sex]

## Filter

?filter=<not supported yet>

## Limit

?limit=<0…n>

# Notifications via Web Socket

## URLs

/api/<version>/races/<race>/LiveData

Current: /api/LiveData

### Example:

Race 1: [http://192.168.1.10:8081/api/v0.1/races](http://192.168.1.10:8081/api/v0.1/races/1/runs/1/startlist)/1/LiveData

Current Race: [http://192.168.1.10:8081/api/v0.1/races](http://192.168.1.10:8081/api/v0.1/races/1/runs/1/startlist)//LiveData

## Data Pushed

### Race Data

|  |  |
| --- | --- |
| type | currentracerun |
| data | ontracklist   |  |  | | --- | --- | | type | DownHill, SuperG, GiantSlalom, Slalom, KOSlalom, ParallelSlalom | | run | 1|2 | |

### Next Starters

|  |  |
| --- | --- |
| type | onstart |
| data | |  |  | | --- | --- | | Id |  | | StartNumber |  | | Name |  | | Firstname |  | | Sex |  | | Year |  | | Club |  | | Nation |  | | Class |  | | Group |  | | Runtime | Current live runtime | | *Intermediate\_n* | *<time>* | |

### On Track

|  |  |
| --- | --- |
| type | ontrack |
| data | |  |  | | --- | --- | | Id |  | | StartNumber |  | | Name |  | | Firstname |  | | Sex |  | | Year |  | | Club |  | | Nation |  | | Class |  | | Group |  | | Runtime | Current live runtime | | *Intermediate\_n* | *<time>* | |

### Current Race Run Results

|  |  |
| --- | --- |
| type | racerunresult |
| data | |  |  | | --- | --- | | Id |  | | StartNumber |  | | Name |  | | Firstname |  | | Sex |  | | Year |  | | Club |  | | Nation |  | | Class |  | | Group |  | | Runtime | Current live runtime | | *Intermediate\_n* | *<time>* | |

### Current Race Results

|  |  |
| --- | --- |
| type | raceresult |
| data | |  |  | | --- | --- | | Id |  | | StartNumber |  | | Name |  | | Firstname |  | | Sex |  | | Year |  | | Club |  | | Nation |  | | Class |  | | Group |  | | Runtime | Current live runtime | | *Intermediate\_n* | *<time>* | |

### Started or Finished or Timed