



Referee Fee Splitter Data Specification

Introduction

This document specifies the format in which data for Referee Fee Splitter (RFS) shall be for plain-text and save with the *.rfs extension. A standard RFS data file shall be in a JSON Format and will indicate, for each separate event, the name of the name, the number of officials, the payment method, and the payment values based on the method.

Initial Format

The JSON should have an enclosing array containing objects corresponding to each individual event.

Individual RFS Events

The following will specify the format for individual events, represented as objects. Valid items may vary conditionally based on the value of previous values.

- **name**
 - String - Name of the event
- **numRefs**
 - String - String of number of officials
- **duration**
 - Number - Integer Duration of match in minutes
 - Valid at [-1, ∞)
 - -1 will allow for manual input for "payoutentry" : "rate"
 - Otherwise, duration may be ignored
- **total**
 - Number - Total monetary amount to be collected from a match
 - Valid at [-1, ∞)
 - -1 will allow for manual input for "payoutentry" : "percent"
 - Otherwise, total may be ignored

- **payment**
 - String - Payment Method
 - e.g., Pay on field, Pay by check, etc.
- **payouts**
 - Array - Collection of payout entries (Strings)
 - Length should match the string value of **numRefs**
- **payoutentry**
 - String - Entry of payout number strings
 - Valid values
 - integer - Payout entries will be the exact integer monetary amount for each official
 - e.g., "payouts" : [35, 20, 20]
 - rate - Payout entries will be the monetary amount per minute
 - e.g., "payouts" : [0.45, 0.25, 0.25]
 - percent - Payout entries will be a percentage of the total amount
 - The sum of all entries should equal 1.
 - e.g., "payouts" : [0.4, 0.3, 0.3]

Full Example

```
[
  {
    "name": "State Cup U-12",
    "numRefs": "3",
    "duration": 70,
    "payment": "Pay on field",
    "payoutentry": "integer",
    "payouts": [
      "38",
      "25",
      "25"
    ]
  },
  {
    "name": "Development League Regular Season",
    "numRefs": "3",
    "duration": -1,
    "payment": "Pay on field",
    "payoutentry": "rate",
    "payouts": [
      "1.5",
      "1.25",
      "1.25"
    ]
  },
  {
    "name": "State Cup U-16",
    "numRefs": "3",
    "duration": -1,
    "payment": "Pay on field",
    "payoutentry": "percent",
    "total": -1,
    "payouts": [
      "0.4",
      "0.3",
      "0.3"
    ]
  }
]
```