

AX-TOOLBOX

Data Exchange File Format

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0 INTRODUCTION

The data exchange file is a UTF8 encoded .CSV file with new line separated records and semicolon or tab separated fields.

Any line starting with # is considered a comment and not parsed.

In this specification, a literal string is indicated with “”. The double quotes must not be present in the file.

The fields of type string must not contain semicolons nor tab characters.

1 EVENT RECORD

Only the last event record will be considered.

1.1 Field list

- “event”
- name: string
- short name: string
- location and dates: string
- director name: string

1.2 Examples

```
event;Campionat de Catalunya d'Aerostació 2011;ECC2011;Mollerussa,  
novembre de 2011; Manel Rodríguez
```

2 COMPETITION RECORD

The short name is the primary key. If a competition with the same short name exists, it will be overwritten. If the short name is new, a new competition will be added.

2.1 Field list

- “competition”
- name: string
- short name: string

2.2 Examples

```
competition;Campionat de Catalunya d'Aerostació 2011;CC2011  
competition;Open de Catalunya d'Aerostació 2011;OC2011
```

3 PILOT RECORD

Pilots can only be added when no task has been specified. Modifications are always allowed.

The pilot number is the primary key. If there is a pilot with the same number, it will be overwritten. Otherwise,

a new pilot will be added.

A new pilot will be added to all defined competitions.

3.1 Field list

- “pilot”
- number: integer
- name: string
- country: string (optional)
- balloon: string (optional)

3.2 Examples

```
pilot;1;Ricardo Aracil;ES;Mallorca balloons  
pilot;2;Jordi Aracil  
pilot;3;Iván Ayala  
pilot;4;Pep Julià  
pilot;5;Carles Lladó
```

4 TASK RECORD

The task number is the primary key. If there is a task with the same number, it will be overwritten. Otherwise, a new task will be added.

The new tasks will be added to all defined competitions.

4.1 Field list

- “task”
- number: integer
- type: string: one of the allowed three-letter task type designators
- date and time: date plus “AM” or “PM” (optional. If not specified, the same date as last task is used)

4.2 Examples

```
task;5;FIN;2009-09-17 AM  
task;6;JDG  
task;7;3DS  
task;8;LRN
```

5 RESULT RECORD

5.1 Field list

- “record”
- “auto” or “manual”

- task number: integer
- pilot number: integer
- measure: "NF", "NR" or decimal
- measure penalty: decimal
- task points penalty: integer
- competition points penalty: integer
- infringed rules: string

5.2 Examples

```
result;auto;1;1;402.00;0.00;0;0;
```

```
result;auto;2;1;570.00;0.00;50;0;R15.4 wrong marker: 50 task points
```

```
result;auto;3;1;NR;0.00;0;0;
```

```
result;auto;4;1;566.00;0.00;0;0;
```