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I. Introduction

The FEI IT department provides an XML Format for Automated Results Processing that was developed to automate results processing and data exchange between Organising Committees, National Federations, and the FEI.

You will find the XSD files you will require to implement this XML format in your own software on our website by following this link http://www.fei.org/fei/your-role/organisers/xml-format. This will enable you to easily generate result files, ready to be uploaded to the FEI platform.

The XML Format can be imported on the FEI Platform https://data.fei.org/ by the NFs, the OCs or the IT Providers.

This document will help you get familiar with importing XML Format for Automated Results Processing in our system.

II. Connect to FEI Database

1. Get your username and password

In order to upload XML results files, you will require a personal access to the FEI Database.

   a. National Federations

   National Federation users already have an account in FEI Database. However, you will need specific rights (“NF_Results_admin”) to access the XML upload feature. Please refer to your respective NF to retrieve your personal access information.

   b. Organisers and IT Providers

   To get a username and password, complete the NDA (http://www.fei.org/system/files/NDA_WS_OCS_v1.pdf) available on the webpage http://www.fei.org/fei/your-role/organisers/xml-format and we will send you your account details for the test and production environments.

2. Environment URLs

URL: https://data.fei.org/
This is the FEI production platform. Everything you do on this platform will go live.

URL: https://vdata.fei.org/
This is the FEI test platform.
III. How to Login

You can log in to https://data.fei.org/ by clicking on Login on the top right corner and enter your username and password.
IV. Download Show and Event Details

To produce XML Files with all the data required by the FEI, you will need to retrieve the FEI IDs of shows, events and competitions, schedule competition numbers, schedule rules and venue names.

1. Search Event

On the Calendar Search Page, look for your event and then click on Search on the bottom right corner.
2. Choose Event.

Then choose your event and select it in the list by clicking on it.
3. Download the Event Details

Then Download the Event Details by clicking on "Download Event Detail..." on the bottom left corner.
This CSV file will provide the required information to create your XML file:

<table>
<thead>
<tr>
<th>CSV</th>
<th>Destination</th>
</tr>
</thead>
<tbody>
<tr>
<td>ShowID</td>
<td>Show</td>
</tr>
<tr>
<td>ShowStartDate</td>
<td>Show</td>
</tr>
<tr>
<td>ShowEndDate</td>
<td>Show</td>
</tr>
<tr>
<td>VenueName</td>
<td>Venue</td>
</tr>
<tr>
<td>VenueCountry</td>
<td>Venue</td>
</tr>
<tr>
<td>EventID</td>
<td>Event</td>
</tr>
<tr>
<td>EventCode</td>
<td><em>Discipline Event (ex. Jumping Event)</em></td>
</tr>
<tr>
<td>NF</td>
<td>Event</td>
</tr>
<tr>
<td>EventStartDate</td>
<td>Event</td>
</tr>
<tr>
<td>EventEndDate</td>
<td>Event</td>
</tr>
<tr>
<td>CompetitionID</td>
<td>Competition</td>
</tr>
<tr>
<td>ScheduleCompetitionNR</td>
<td>Competition</td>
</tr>
<tr>
<td>Rule</td>
<td>Competition</td>
</tr>
<tr>
<td>CompetitionName*</td>
<td>Competition</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element</th>
<th>Attribute</th>
</tr>
</thead>
<tbody>
<tr>
<td>Show</td>
<td>FEIID</td>
</tr>
<tr>
<td>Start Date</td>
<td></td>
</tr>
<tr>
<td>End Date</td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td></td>
</tr>
<tr>
<td>Country</td>
<td></td>
</tr>
<tr>
<td>FEIID</td>
<td></td>
</tr>
<tr>
<td>Code</td>
<td></td>
</tr>
<tr>
<td>NF</td>
<td></td>
</tr>
<tr>
<td>Start Date</td>
<td></td>
</tr>
<tr>
<td>End Date</td>
<td></td>
</tr>
<tr>
<td>FEIID</td>
<td></td>
</tr>
<tr>
<td>Number</td>
<td></td>
</tr>
<tr>
<td>Rule</td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td></td>
</tr>
</tbody>
</table>

* If you insert a different Competition Name in your XML File, it will overwrite it in the system.
4. Download the Show Details

You can also download the details of all the events that are part of your show in one go. On the Event Detail page, you have to untick the checkbox “Show only CSI... competitions” above the list of competitions, then click on “Download Show Detail...” that appears just below the list of competitions.
V. Import Results

After generating an XML file from your own software, you will be able to upload it directly to the FEI Database web interface.

1. Import results by Competition

You can upload competition results one by one on the Competition Detail Page. To do so just click on the competition name.

Then click on Import Competition Results on the bottom left corner. Then click on Browse and choose your file the same way as you do to import event results files.
Click on the Upload button.

2. Import Results by show and by Event

In the Event Detail page, click on “Import Event Results” on the bottom left corner. Browse for your XML File on your computer and click “Open”.

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VI Validation of XML File

The first check following the results file upload is the validation of the XML Schema. You will easily identify them as they are described in the pop-up (line and column number of the XML file will appear in the error message).

1. Error Report

When you Upload your XML file, an error check is performed as described below. Three types of errors can occur:

- **Fatal**
- **Warning**
- **Warning**

A. Fatal Errors

When fatal errors occur, you will need to treat every error one by one in order to upload your file. Refer to the message description to resolve any fatal errors. A list of all possible errors can be found in Annex 1.
B. Warning

Check Athletes and Horse names and the competing for.

If the name of the rider or the horse does not match at all with the name that is connected with the FEI ID entered in the results, this error will appear as a fatal error. If there are only minor mistakes in the name entered, it will show up as a Warning.

2. Correct the Warnings

When you have resolved all fatal errors, you will be able to upload your file despite any remaining Warnings. You will notice two types of Warning messages, the ones in bold and those that are not. The Warnings in bold are important errors you need to check carefully, and the Warnings that are not in bold are less important errors. If you wish to process the Warning messages, click on the red cross which will abort the upload process. A list of all possible errors can be found in Annex 1.
3. Ignore the warning

Once you have treated all fatal errors and warning messages, you may upload the results by clicking on the green tick on the pop-up window. You can still upload files despite remaining warning messages.

4. Submit results to the FEI

After having imported the results, you will need to submit the results to the FEI. Submit results for the complete event. To directly submit all competition results of an event (or the remaining competition results that have not been submitted to the FEI yet), click on Submit Results to the FEI on the Event Detail Page on the bottom right corner.

Note: submitted results cannot be changed or removed.
5. Submit results by competition

To submit results to the FEI one by one, open each Competition Detail page by clicking on the competition name. Then you can submit the results to the FEI, competition by competition, by clicking on Submit the Results to the FEI on the bottom right corner of the page.
VII Delete Results

1. Delete all event results

If you want to delete all competition results of an event, you can do so by clicking on Delete Results on the Event Detail Page and then click OK. Please note that once submitted you will not be able to delete the results anymore.

2. Delete the results of a single competition

If you only want to delete the results of one competition only, first choose the competition and open the Competition Detail page (see 2 on page 9) and then click on Delete Results and OK.
VIII Provide the FEI with results through WebServices

All the operations that can be done on our web interface can also be performed with our Organiser WebServices using the following methods:

a. findEvent
   Retrieve one or more events matching the search criteria.

b. uploadResults
   Upload the results XML data for a given event or a given competition.

c. confirmUploadResults
   Confirm the uploading of the results when only warnings were encountered.

d. submitResults
   Submit the results to the FEI for validation.

Detailed information on the WebServices and how to integrate them to your software is available here: http://www.fei.org/fei-ocs-web services.