

XML input and output files for FIE fencing competitions



Contents

1	Downloading the Inscriptions XML File from FIE	III
2	Upload result files and validation	V
2.1	Checklist fie xml result files	VI
3	APPENDIX	VII
3.1	FIE sample competition	VII
3.1.1	FIE sample competition - Exceptional Cases	VIII
3.2	Creating FCA Tournaments in Fencing Time and upload xml files	VIII
3.3	Creating Tournaments in Ophardt Touch and upload xml files	XV
3.4	Creating Tournaments in engarde and upload xml files	XXI
3.5	Creating Tournaments in fencing fox and upload xml files	XXII
3.6	Creating Tournaments in any other competition software which we forgot and upload xml files	XXIII
3.7	FIE results xml file format documentation	XXIV

Overview

If you are running a tournament under the authority of the FIE, it is essential that you follow the correct procedure for creating the tournament in your tournament management software. Failure to do this will cause problems when it is time to upload the results and will create unnecessary work for both you and the FIE staff who manage the FIE point rankings. This document will help you to follow the correct procedures for download and upload correct results files when using different tournament management applications.

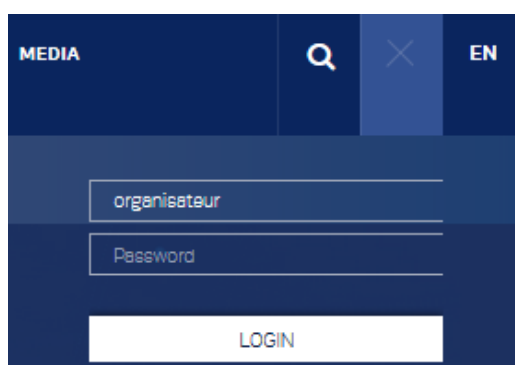
This document explains how to properly set up a competition. It includes instructions on how to download the XML with the competitors from the FIE website and how to import it into the different tournament software that people use (Fencing Time, Engarde, etc.). Included are also special instructions explaining how to properly enter people manually (usually this is done for referees) - such as how to look up and enter their license number so that they are properly matched when the XML files are uploaded.

1 Downloading the Inscriptions XML File from FIE

The fencers and teams that wish to compete in your tournament must register on the FIE website.

At any time, you can download an XML file containing the current list of inscriptions from your tournament. Generally, you will do this after the entry deadline has passed since all of the competitors should have registered by that time.

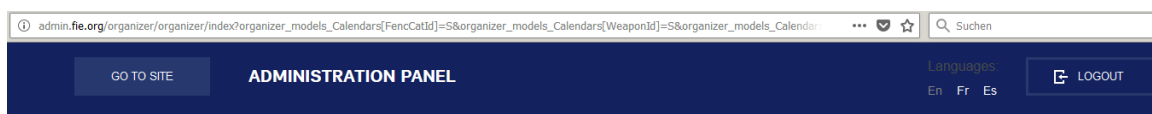
To download the competitors xml file, log in to FIE website www.fie.org by using your federation credentials or your personal settings:



username: organisateur

pw:

Select your event and download the entries xml file and obligatory the images of your tournament participants.



SELECT THE EVENT YOU WILL ATTEND AND SAVE

Category: Senior | Weapon: Sabre | Gender: Men | Event: Individual | Type: Grand Prix

Season: 2017/2018 | Country: Select

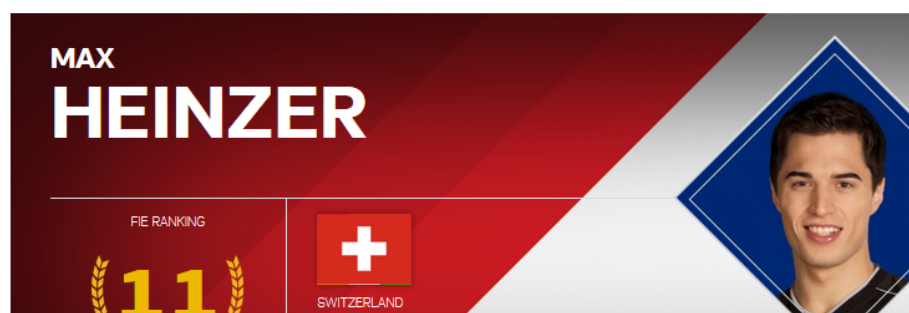
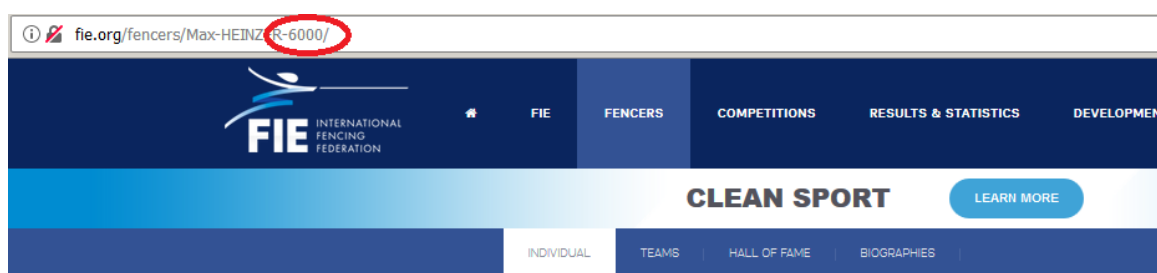
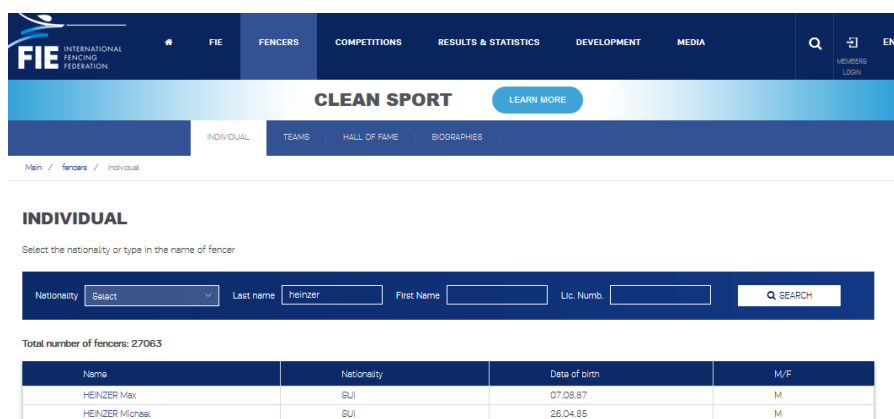
SEARCH

entries	photos	Officials	Competition	Place	Country	Start	End	Weap.	M/F	Cat.	Type	Event	Statute
download	download		Sabre Grand Prix	Cancun	MEX	15.12.17	17.12.17	S	M	S	GP	I	Initial
download	download		Grand Prix	Seout	KOR	30.03.18	01.04.18	S	M	S	GP	I	Initial
download	download		Grand Prix	Moscow	RUS	11.05.18	12.05.18	S	M	S	GP	I	Modified

To download the XML files, click the “XML” link on each row in the competition list. Save the XML files on your computer in a location of your choice – usually, just saving them on the desktop is sufficient.

Once you have downloaded all of the XML files, it is now time to import them into your competition management software.

If you have to add participants or referees manually to your startlist, make sure you enter their valid FIE ID and licence number. If you are not able to find these values on FIE website, please contact our support staff to receive these information. The FIE staff will then also add the participants to the official startlist and you may need to download an updated version of the competition xml. If you need to find out the FIE ID and licence number of an athlete who is not included in your downloaded xml file, you may use the FIE website search feature.



If you select an athlete, the name will appear in the browser line, followed by the athlete's FIE ID number.

2 Upload result files and validation

Before uploading your results to FIE website it might be helpful to check the plausibility of your files. Fortunately there is an application available which supports you and visualizes possible problems in your files.

<https://www.fencingtime.com/XMLConverter>

We suggest you also to review your xml result files manually by using text editor applications with enhanced views for xml files like notepad++, pspad or similar text editors. These applications have features to illustrate the xml data in different colors to simplify readability.

```
004FFE_xml_2013-18_WF_Petersburg.xml
  1  10  20  30  40  50  60  70  80  90  100  110  120  130  140  150  160  170  180  190  200  210
<?xml version="1.0" encoding="iso-8859-1" />
<!DOCTYPE BaseCompetitionIndividualList [
<BaseCompetitionIndividualList xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xi="http://www.w3.org/2001/XMLSchema-instance" Championnat="FIE" ID="118" Arme="F" Sexe="F" Domaine="I" Federation="RUS" Categorie="S"
TitreLong="Fleuret de St-Petersbourg" Année="2012/2013" Date="01.03.2013" DateFinRetXML="01.08.2013 11:00">
<Titreurs>
  <Titreur ID="2554" Nom="ALBROVA" Prenom="Yana" Sexe="F" Lateralite="D" Nation="RUS" Licence="24011994000" Statut="N" DateNaissance="24.01.1994" Classement="182" Points="2" />
  <Titreur ID="12550" Nom="BATINI" Prenom="Martina" Sexe="F" Lateralite="D" Nation="ITA" Licence="17041989001" Statut="N" DateNaissance="17.04.1989" Classement="78" Points="16" />
  <Titreur ID="3473" Nom="BINGENHEIMER" Prenom="Sandra" Sexe="F" Lateralite="G" Nation="GER" Licence="03061987000" Statut="N" DateNaissance="03.06.1987" Classement="62" Points="24" />
  <Titreur ID="5753" Nom="BIRYUKOVA" Prenom="Yulia" Sexe="F" Lateralite="G" Nation="RUS" Licence="17031985000" Statut="N" DateNaissance="17.03.1985" Classement="18" Points="72" />
  <Titreur ID="5756" Nom="BLAZHKOVA" Prenom="Ludmila" Sexe="F" Lateralite="D" Nation="RUS" Licence="18081985000" Statut="N" DateNaissance="18.08.1985" Classement="173" Points="0" />
  <Titreur ID="16054" Nom="BLAZHKOVA" Prenom="Anita" Sexe="F" Lateralite="D" Nation="RUS" Licence="23101991000" Statut="N" DateNaissance="23.10.1991" Classement="35" Points="40" />
  <Titreur ID="2731" Nom="BONNIER" Prenom="Amelie" Sexe="F" Lateralite="D" Nation="FRA" Licence="02061984000" Statut="N" DateNaissance="02.06.1984" Classement="82" Points="15" />
  <Titreur ID="19402" Nom="BOUBAKRI" Prenom="Ines" Sexe="F" Lateralite="D" Nation="TUR" Licence="28121988000" Statut="N" DateNaissance="28.12.1988" Classement="19" Points="124" />
  <Titreur ID="22043" Nom="CALISSI" Prenom="Olga Rachele" Sexe="F" Lateralite="D" Nation="ITA" Licence="23031992001" Statut="N" DateNaissance="23.03.1992" Classement="75" Points="20" />
  <Titreur ID="29233" Nom="CHEN" Prenom="Bingbing" Sexe="F" Lateralite="D" Nation="CHN" Licence="14031992002" Statut="N" DateNaissance="14.03.1992" Classement="105" Points="10" />
  <Titreur ID="20138" Nom="CHENKINSOVA" Prenom="Kateryna" Sexe="F" Lateralite="D" Nation="UKR" Licence="02041991001" Statut="N" DateNaissance="02.04.1991" Classement="76" Points="18" />
  <Titreur ID="53846" Nom="CHENKINSOVA" Prenom="Kateryna" Sexe="F" Lateralite="D" Nation="UKR" Licence="08111983000" Statut="N" DateNaissance="08.11.1983" Classement="97" Points="37" />
  <Titreur ID="4437" Nom="CIPRIANI" Prenom="Valentina" Sexe="F" Lateralite="G" Nation="ITA" Licence="08041983003" Statut="N" DateNaissance="08.04.1983" Classement="72" Points="21" />
  <Titreur ID="12287" Nom="COMERFORD" Prenom="Shannon" Sexe="F" Lateralite="D" Nation="CAN" Licence="07041988002" Statut="N" DateNaissance="07.04.1988" Classement="92" Points="12" />
  <Titreur ID="18426" Nom="COOK" Prenom="Catherine" Sexe="F" Lateralite="D" Nation="GBR" Licence="11021988005" Statut="N" DateNaissance="11.02.1988" Classement="258" Points="0" />
  <Titreur ID="12591" Nom="DE COSTANZO" Prenom="Valentina" Sexe="F" Lateralite="G" Nation="ITA" Licence="25081989000" Statut="N" DateNaissance="25.08.1989" Classement="106" Points="10" />
  <Titreur ID="22091" Nom="DEORDIEVA" Prenom="Kateryna" Sexe="F" Lateralite="D" Nation="UKR" Licence="24011991001" Statut="N" DateNaissance="24.01.1991" Classement="270" Points="0" />
</Titreurs>
</BaseCompetitionIndividualList>
</>
```

2.1 Checklist file xml result files

- file header contains correct competition ID, weapon, gender, season and date ?
Example -> ID="152" Annee="2017/2018" Arme="S" Sexe="F" Domaine="I" Federation="MEX"
Organisateur="FME" Categorie="S" Date="15.12.2017" TitreCourt="SS-in"
TitreLong="WOMEN SABRE GRAND PRIX CANCUN 2017"
- section <Tireurs> contains ALL athletes from your competition with correct licence IDs?
Very often files were uploaded with an empty <Tireurs> section.
- Have you used correct format for date and time?
Example: Date="01.03.2013"
- Section <Arbitres> contains ALL referees from your competition with correct licence numbers?
- Section <Phases> contains ALL poule results and rankings after pouls?
- ALL piste names are either numbers or mentioned in english or french? Examples: Red, Green, Yellow, Blue, Podium. Or Rouge, Verte, Jaune, Bleue, Podium. No other piste names are allowed for xml export!
- Tableau sections according your competition format are included?
example: <Tableau ID="A64" Titre="Tabla preliminar de 64" Taille="64" >
<SuiteDeTableaux ID="SuiteTab_B" Titre="Tabla principal de 64" NbDeTableaux="6" >
<Tableau ID="B32" Titre="Tabla de 32" Taille="32" >
<Tableau ID="B16" Titre="Tabla de 16" Taille="16" >
<Tableau ID="B8" Titre="Tabla de 8" Taille="8">
<Tableau ID="B4" Titre="Semi-finales" Taille="4" >
<Tableau ID="B2" Titre="Final" Taille="2" >
- The separate tableau sections contain all their sub-bouts including indicators for Winner [V], Looser [D], scores, match participants, match referees and piste ?
- Referee roles are included as well for each bout? (P = main referee, V = video referee)
Example: <Arbitre REF="17231" Role="P"/>
<Arbitre REF="1392" Role="V"/>

3 APPENDIX

3.1 FIE sample competition

In order to test your results software skills and correct functionality of your applications, you may use this section to download an example start list and compare the results.

The following pages contain the usual data - competitor lists, seedings, pool and tableau scores, and the final ranking.

Input XML file for this competition, as well as a correct XML results file are provided here. The download order is chronological and similar to a real competition workflow.

Download Link for a sample FIE GP startlist xml file:

https://drive.google.com/open?id=1j0ziXo60S071L3o1r5c19F9gH5067V__

Download Link sample competition startlist pdf:

<https://drive.google.com/open?id=14X-V77ZS8Jr-0YgCANcexHXc0L9kv0v4>

Download Link sample competition pouls:

https://drive.google.com/open?id=1ZAz29MR4xtxQd0N-jL9y25w1bBxxwX_1

Download Link sample competition poul results:

https://drive.google.com/open?id=1tFnJtkq1nxUA78Lh_ZXmFzLcrsV7S0aD

Download Link sample competition preliminary tableau:

https://drive.google.com/open?id=18nsb7_crjRBjbFTATv5E1PIEHwPHWjZM

Download Link sample competition main tableau:

<https://drive.google.com/open?id=1y11bgBJ91pI7B1Wf6c0LmcG8298FWool>

Download Link sample competition finals tableau:

<https://drive.google.com/open?id=1LoyqD4PYx8I1PTkPdxem2FrslStb00i5>

Download Link sample competition final rankings:

<https://drive.google.com/open?id=1YmrQdyrPWmNa6dga41AienfFd15kM0v8>

Download Link sample competition results xml for upload to FIE website:

https://drive.google.com/open?id=1kWyCnZHqYoFqkxypkLov4gwWuPJZ6Kx_

3.1.1 FIE sample competition - Exceptional Cases

-> section still under development !!!

Here will be listed one instance of each type of exceptional cases that need to be handled. The idea is that each software developer uses the input XML to create a competition in their software, then create the same pools as the sample, enter the same scores, and simulate any necessary exceptional situations. Then generate your results XML, which should match the official correct results XML provided by the FIE. This way helps verify that the software at least generates the correct XML.

In the further subsections we have included some examples how to create the competition xml files in different tournament applications. If you think your favorite software is missing and should be included as well, please forward the manual in pdf format to us and immediately the document will be updated.

3.2 Creating FCA Tournaments in Fencing Time and upload xml files

Creating FCA Tournaments in Fencing Time

Overview

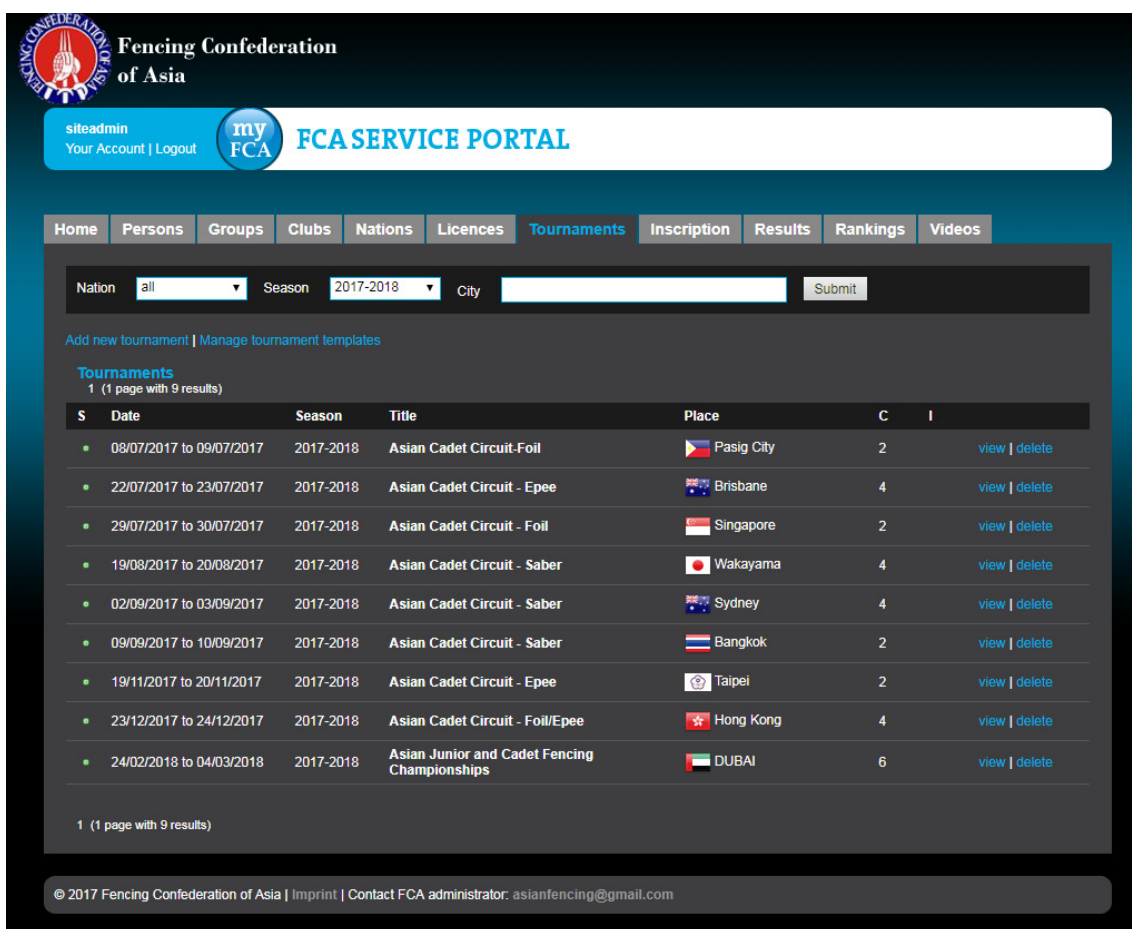
If you are running a tournament under the authority of the FCA, it is essential that you follow the correct procedure for creating the tournament in your tournament management software. Failure to do this will cause problems when it is time to upload the results and will create unnecessary work for both you and the FCA staff who manage the FCA point rankings. This document will describe the correct procedures when using the Fencing Time tournament management software, but the same principles apply to other management software such as Engarde.

Downloading the Inscriptions XML File










The fencers and teams that wish to compete in your tournament must register on the FCA service portal website (<https://service.asianfencing.com>). Referees that will be working at your tournament also should be added on the FCA service portal.

At any time, you can download an XML file containing the current list of inscriptions from your tournament's page on the service portal. Generally, you will do this after the entry deadline has passed since all of the competitors should have registered by that time.

To download the XML file, go to <https://service.asianfencing.com> and login using your federation's account. Click on the "Tournaments" tab, which will display a list of upcoming tournaments held during the current season:



The screenshot shows the FCA Service Portal interface. At the top, there is a navigation bar with the FCA logo and the text "Fencing Confederation of Asia". Below this, there is a user account section with "siteadmin" and "Your Account | Logout". The main navigation menu includes "Home", "Persons", "Groups", "Clubs", "Nations", "Licences", "Tournaments", "Inscription", "Results", "Rankings", and "Videos". The "Tournaments" tab is selected, and a search filter is visible with "Nation" set to "all", "Season" set to "2017-2018", and a "Submit" button. Below the search filter, there are links for "Add new tournament" and "Manage tournament templates". The main content area displays a table of tournaments with the following data:

S	Date	Season	Title	Place	C	I
•	08/07/2017 to 09/07/2017	2017-2018	Asian Cadet Circuit-Foil	 Pasig City	2	view delete
•	22/07/2017 to 23/07/2017	2017-2018	Asian Cadet Circuit - Epee	 Brisbane	4	view delete
•	29/07/2017 to 30/07/2017	2017-2018	Asian Cadet Circuit - Foil	 Singapore	2	view delete
•	19/08/2017 to 20/08/2017	2017-2018	Asian Cadet Circuit - Saber	 Wakayama	4	view delete
•	02/09/2017 to 03/09/2017	2017-2018	Asian Cadet Circuit - Saber	 Sydney	4	view delete
•	09/09/2017 to 10/09/2017	2017-2018	Asian Cadet Circuit - Saber	 Bangkok	2	view delete
•	19/11/2017 to 20/11/2017	2017-2018	Asian Cadet Circuit - Epee	 Taipei	2	view delete
•	23/12/2017 to 24/12/2017	2017-2018	Asian Cadet Circuit - Foil/Epee	 Hong Kong	4	view delete
•	24/02/2018 to 04/03/2018	2017-2018	Asian Junior and Cadet Fencing Championships	 DUBAI	6	view delete

At the bottom of the page, there is a footer with the text: "© 2017 Fencing Confederation of Asia | Imprint | Contact FCA administrator: asianfencing@gmail.com"

Find your tournament in the list and click the “view” link on the same row. This will open the tournament details page:

The screenshot shows the Fencing Confederation of Asia (FCA) Service Portal. The header includes the FCA logo and the text 'Fencing Confederation of Asia'. Below the header, there is a navigation bar with tabs for Home, Persons, Groups, Clubs, Nations, Licences, Tournaments, Inscription, Results, Rankings, and Videos. The 'Tournaments' tab is selected.

The main content area displays the details for the tournament 'Hong Kong: Asian Cadet Circuit - Foil/Epee'. On the left, there is a section for 'no logo' with an 'Upload a new logo' link and an 'Invitation' section with an 'Upload a new invitation' link and a 'Published' status. The main details are organized into three tabs: General, Photos, and Administration. The 'General' tab is active, showing the following information:

Season	2017-2018	Official website	
Begins	2017-12-23	URL of live results	
Ends	2017-12-24	Inscription: internal	true
Title	Asian Cadet Circuit - Foil/Epee	Inscription: external URL	
Subtitle		Inscription: from	2017-09-28
Description		Inscription: to	2017-12-16
City	Hong Kong	Licensed fencers	true
Nation	Hong Kong	Licensed referees	true

Below the Administration tab, there is a 'Competitions' section with a 'new' button. It contains a table with the following data:

Category	Discipline	Age group	Type	
Cadet Circuit	Women's Foil	Cadets	ind.	edit limits XML inscriptions delete
Cadet Circuit	Women's Epee	Cadets	ind.	edit limits XML inscriptions delete
Cadet Circuit	Men's Epee	Cadets	ind.	edit limits XML inscriptions delete
Cadet Circuit	Men's Foil	Cadets	ind.	edit limits XML inscriptions delete

At the bottom of the page, there is a footer with the text: © 2017 Fencing Confederation of Asia | Imprint | Contact FCA administrator: asianfencing@gmail.com

In this example, you can see there are four competitions that will be held at this tournament: women’s foil, women’s epee, men’s epee, and men’s foil. Each of these competitions has a separate XML inscription file, so you will be downloading four files total.

If you want to view the list of inscribed fencers and referees for each competition, you can do this by clicking the “inscriptions” link.

To download the XML files, click the “XML” link on each row in the competition list. Save the XML files on your computer in a location of your choice – usually, just saving them on the desktop is sufficient.

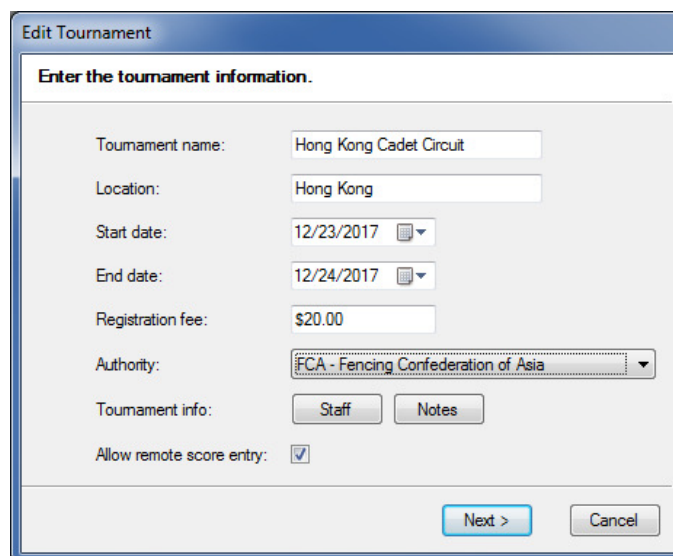
Once you have downloaded all of the XML files, it is now time to import them into your competition management software.

Creating the Tournament in Fencing Time

If you are using Fencing Time to run your tournament, you should use the latest version of the program. (As of December 2017, this is version 4.3.) The latest version is always available at <https://www.fencingtime.com/Download>.

If you have not already installed Fencing Time on your PC, do so now. If you have not yet purchased a license for the program, you can do this from the Fencing Time website. Install the license key sent to you by email into the program by following the instructions included in the email.

Once you have a licensed copy of Fencing Time running on your PC, launch the program. To create the new tournament, select “New Tournament from XML Files” from the “File” menu at the top of the window. This will bring up a window where you will specify the details of your tournament:



The screenshot shows a dialog box titled "Edit Tournament" with the following fields and options:

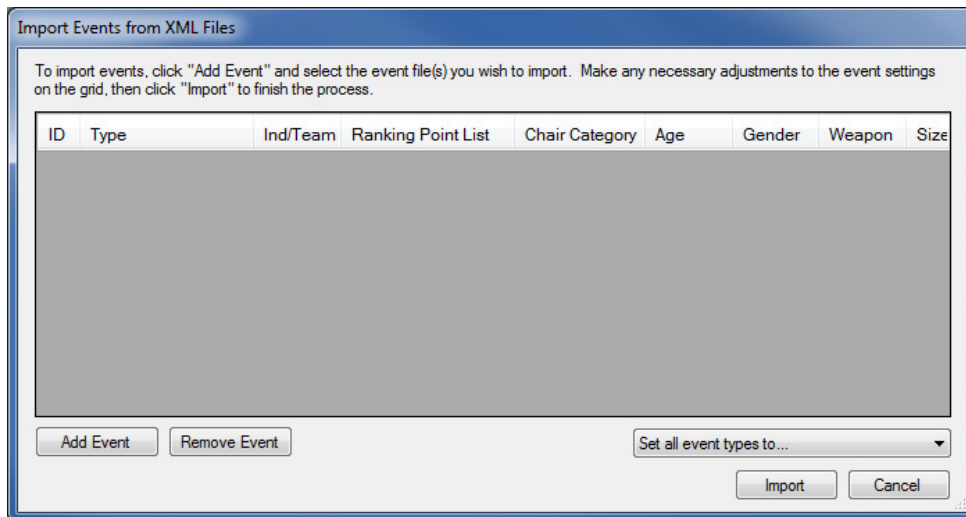
- Tournament name: Hong Kong Cadet Circuit
- Location: Hong Kong
- Start date: 12/23/2017
- End date: 12/24/2017
- Registration fee: \$20.00
- Authority: FCA - Fencing Confederation of Asia
- Tournament info: Staff, Notes
- Allow remote score entry:

Buttons at the bottom: Next >, Cancel

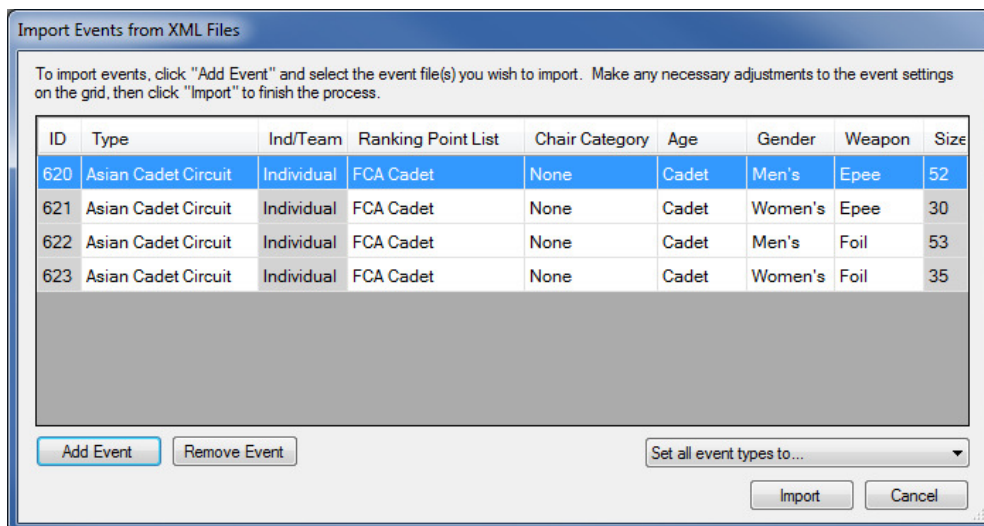
Fill out the form with the information about your tournament (the location and registration fee fields are optional.)

It is important that you select the proper Authority for your tournament. The Authority is used to specify which set of rules the tournament will be run under. If you are running an event that is part of the FCA Cadet Circuit or your Zonal Championships, you must set the Authority to the “FCA – Fencing Confederation of Asia”. If you are running a World Cup, Grand Prix, or World Championship, you must set the Authority to the FIE.

In this example, we are using a FCA Cadet Circuit event, so set the Authority to FCA and click “Next”. This will show the “Import Events from XML Files” window:

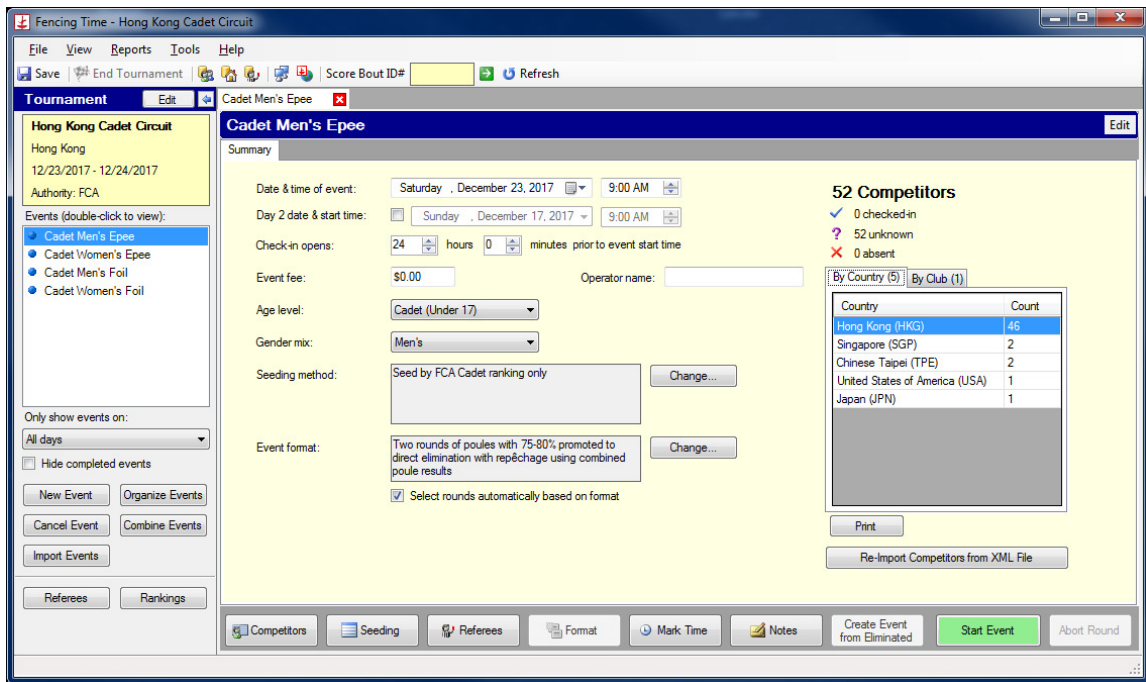


On this screen, you will choose which competitions will be held at your tournament. (Note: Fencing Time refers to a competition within your tournament as an “event”.) This is done by clicking “Add Event”, which will open a file selection window. In this window, locate the XML files that you downloaded from the FCA website. Select each file to add it to the list. After you have done this for all four files, the list should look like this:



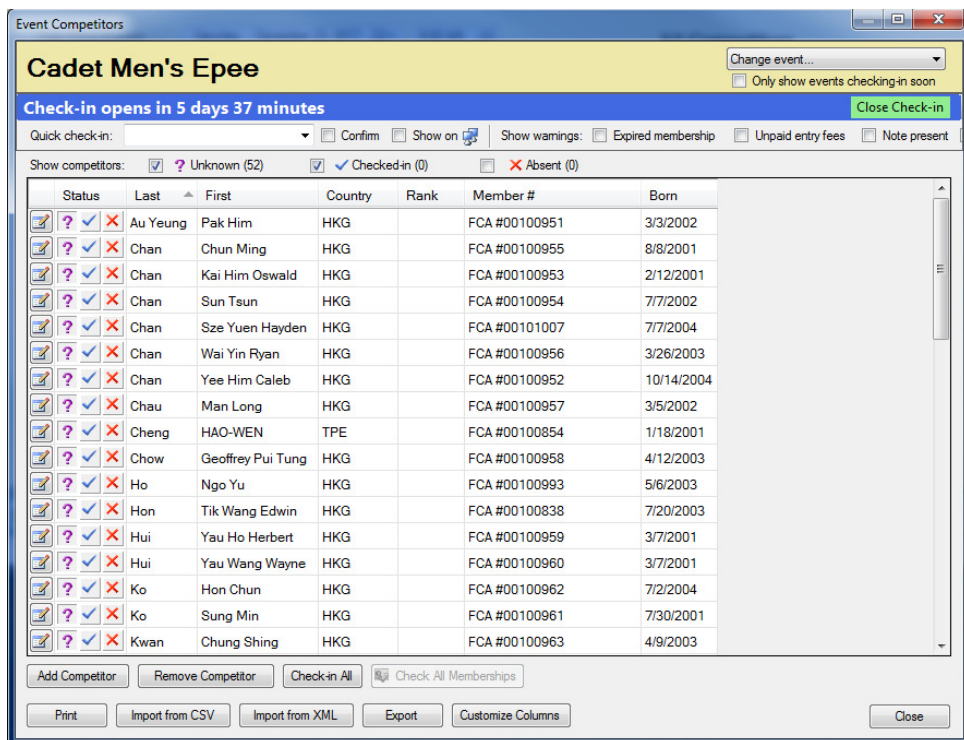
As you can see, the list now matches the list of competitions from the FCA website. The information should be correct and not require any changes – however, if you need to change something, you can do this by double-clicking the cell on the grid that needs to be change and entering the correct value.

Once you are satisfied with the list of competitions, click “Import”. Fencing Time will process the XML files and will create a new tournament from them. Each competition will be created and the inscribed fencers/teams will be added automatically. To view a competition, double-click its name in the list at the left side of the screen. This will open the competition and display the “Summary” tab.



Verify that the information on the “Summary” tab is correct, and make any changes if necessary. It is especially important to check the “Event Format” to make sure it matches the format that you plan on using. If it is not correct, use the “Change” button to select the correct format.

To view the competitors inscribed for the event, click the “Competitors” button at the bottom of the window. This will show the competitor list screen. It is important to notice that each competitor has their FCA License number shown in the “Member #” column – this information is critical for the proper identification of the fencers when results are submitted. (For events held under the FIE authority, this will be the fencer’s FIE license number.)



Sometimes, the list of inscribed fencers changes after the registration deadline. This can be due to late-registering fencers, or fencers that withdraw for medical reasons. When this happens, you must re-download the XML file from the FCA website with the updated list of fencers.

To update the list of fencers in Fencing Time, return to the “Summary” tab for the event. Click the “Re-Import Competitors from XML File” button found on the right side of the screen. This will ask you to select the updated XML file – choose the updated file that you downloaded from the FCA service portal. Fencing Time will then update the competitor list to reflect any changes.

If you need to manually add fencers to your event, it is important that you include their FCA License number in their record. Not doing this is the most common cause of problems that occur with the results file.

At this point, you are ready to run your competition. If you are not familiar with how to do this in Fencing Time, refer to the *Fencing Time User’s Guide* which is available on the Fencing Time website and from within the program on the “Help” menu.

Exporting the Results XML

Once each event has completed, you will need to save the results to an XML file to be submitted to the FCA Administrator so that the FCA point rankings can be updated.

Each event will have its own results XML file, so in the example we have been using, there will be four XML files to generate and submit.

To create a results XML file, select the event’s “Final Results” tab in Fencing Time. Click the “Export” button in the lower-right corner of the screen. This will bring up a “Save File” window where you can select where to save the file and what name to give it.

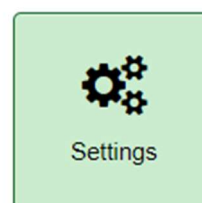
Select a location to save the file, then give it a descriptive name. (It is generally a good idea to include the word “Results” in the name so that you do not mix-up the results files with the original inscription XML files.) Set the type to “XML Format” and click “Save”. This will show the “Export Results” window; update the information as needed and click “OK”. The results XML file will then be saved for you.

3.3 Creating Tournaments in Ophardt Touch and upload xml files

Creating Tournaments in Ophardt Touch and upload XML files

Ophardt Touch is a databased competition software. As our mainsystem is under reconstruction please contact s.lange@ophardt-team.org for the download links of the latest version (Ophardt Touch 2017.1-1 from August 2017 available for Windows, Mac and Linux).

To run FIE/EFC competitions with Ophardt Touch you need the latest version as well as a valid license and the competitions needs to be booked on your license.

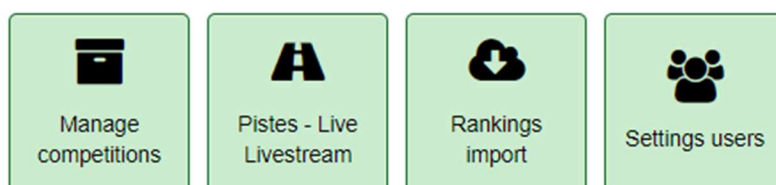


Once you have installed the software on your PC please go under settings and update the database for competitions, athletes and referees.

Data updates



Administration



(If you run national competitions as well please update also rankings and rankingsplaces.)

Your booked competitions will be transmit and shown under manage competitions. Please activate them under manage competitions while selecting „All“ for the actual competition.

Actual competitions

ID	Age class	Discipline	Gender	Category	Categorie	Date	
2017	ALG	Alger		World Cup Ooredoo			✓ All
12172	Senior	Foil	female	Individual		02.02.2018	✓
12173	Senior	Foil	female	Team		04.02.2018	✓
16058	Senior	Foil	male	Team		03.02.2018	✓
2017	GER	Bonn		Löwe von Bonn			✓ All
68	Senior	Foil	male	Individual		09.02.2018	✓
7728	Senior	Foil	male	Team		11.02.2018	✓

Your competition is now available at the Dashboard.

Download the XML from FIE or EFC, select upload registrations, then upload xml file, while searching the xml file on your PC and select upload.

(For FIE Junior World Cup and EFC competitions please check „Import referees“. Please don't do it for FIE Senior World Cup.)

If changes are done concerning the entries please reload the xml file in the same way.

Once the upload is finished you will be referred to the participants administration

Participants


Participants administration


Add participant

✓	👍	1.66	DJITLI Roman	ALG	26 AUBERVILLIER	[Icons]
✓	👍	1.789	HEROUI Salim	ALG		[Icons]
✓	👍	1.293	SINTES Hamid	ALG	28 RUEIL MALMAI	[Icons]

Depending on the number of participants and according to the FIE rules you may add further fencers to complete the pools to 7 fencers each. Please search the fencers under add participants. The database contains a lot of fencers, but please take care to use FIE/EFC spelling of the athletes names. Register them to your competition.

17891	⚠️	JOPPICH Alexander	GER	MR	Königsbacher SC	21.04.1986	Register
11396	✓	JOPPICH Peter	GER	MR	CTG Koblenz	21.12.1982	Register


Please do not forget to add the FIE ranking place  to have a correct seedinglist

and check for the added fencers if the license number and ID are available under Edit  .
Please use seeding order 1 and seeding rank 9999 for unseed fencers before creating pools.

Seeding order

Seeding rank

Points

 Save





Int. ID





FIE Licence

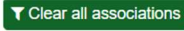



The referees will be upload if you have check the import button during upload process.

Referee

Add referee

Name    

⚠ You can only remove referees without assignments. Mark referees which are not present as "absent"

Referee present - this competition

Epee	Foil	Sabre	Name	Nation	Reg	Club	Comp.	Epee	Foil	Sabre				
B	B	B	ACEVEDO Pablo	ESP				0	2	0				
B	B	B	DENZER Benjamin	GER	BN	FC Hardheim-Höpfungen		0	3	0				
A	B	B	FALAH Alaa A.	IRQ				0	2	0				

For Senior World Cup please use „add referee“ and search them with the FIE /EFC spelling and register them for your competition.

Please check under“edit“ the ID and licence and do not change the referees nationality if the referees is working for another delegation

Total number: 1 | 1 Pages

Epee	Foil	Sabre	Name	Nation	Region	Club		
	B	B	B	DENZER Benjamin	GER	BN	FC Hardheim-Höpfungen	

Please select now in preparation format the formula assistant, then select the relevant competition format and follow the given process.

Rounds

No.	Name	Type	Info	initialized	finished
-----	------	------	------	-------------	----------

Format individual

Create formula

- Formula 1: One round of pools, elimination direct (FIE-WC U20)
- Formula 2: One round of pools, elimination direct with preliminary tables (FIE-WC/GP)
- Formula 3: Two rounds of pools, elimination direct (EFC-CC U17)
- Formula 4: One round of pools, elimination direct with repechage (32) (EFC-CC U17)

Format Team


Create formula

- Formula 11: DE with place 1-16 draw by pairs from 5 (FIE-JWC/WCGP Team)
- Formula 12: DE with place 1-16 (FIE-WCH)

Pools – you may change the number of qulaifiers but not under 20%

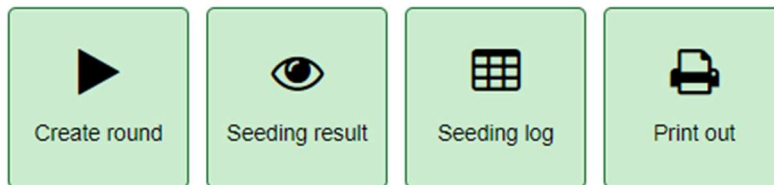
Name	First round	Number / Size	29 x 7 5 x 6
Number of pools	34	Qualified	Please enter here the numbers of qualified athletes without exempt athletes. Please be aware that you can split merged tournaments in 2 ways: 1. after first round, while entering 0 qualifiers and insert a DE at the original tournament format or 2. at the end of the tournament. Please click separate participants.
Number of exempt participants in this round	16	186 + 16 = 202	
Total of advanced fencers	186	Not qualified	20.17%
		Info : FIE format	
		Info: Sum of 2 pools counts for qualifying to the DE	
		Info : A/B/C Format (max. 80 qualifiers for DE Format A/B/C) The qualification for	

Elimination direct

No.	2	Present participants	202
Name	Direct elimination	Table of 256	Table of 256 Final of 4
DE Format (elimination direct)	Table of 256 preliminary World Cup	Table of 256 preliminary World Cup	World Cup preliminary table of 256 main table of 64 places 1-16 by drawing lots in pairs places 17-32 fencers who have the highest indices for place 32 barrage by 5 hits places 33-64 fencers qualified by preliminary table
	 Save		

Now you may create pools at the Dashboard.

1: First round



Result xml file.

Once your competition is finished, please go under „Postprocessing“ select xml international and the result file will be download.

Z: Postprocessing



In general you find the file now under „Downloads“ on your PC named in the following way:
resultat-12172-17-Fleuret-féminin-Individuel-Senior.xml

First check the file then you may upload it on FIE / EFC website.

For EFC please download also the Documentation, which is an PDF file and upload it to EFC website.

Please contact s.lange@ophardt-team.org for any further questions.

3.4 Creating Tournaments in engarde and upload xml files

3.5 Creating Tournaments in fencing fox and upload xml files

3.6 Creating Tournaments in any other competition software which we forgot and upload xml files

3.7 FIE results xml file format documentation



Fencing data exchange

XML input and output files for FIE fencing competitions

Version 1.0

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August 14th 2017

1 INTRODUCTION

Fencing competition softwares use XML files for data interchange of fencers, matches results, referees and pistes between fencing competition softwares and servers, and this document formalizes common practices in the domain in an update from the original document XML_Specifications_FIE.pdf written by J.F. Nicaud on 31/12/03 and updated version from 19.07.12.

As the original document, it handles both input and output files. It tries to preserve upward compatibility to existing practices.

This document is accompanied with samples together with an XML schema reference file that can be used by XML checking softwares to automatically check the conformity of the files to the standard (XML Spy, Oxygen XML, etc.).

This document adds new features to follow up new competitions styles like mixed Italian relay matches. It defines mandatory and optional attributes of each XML element.

The context and objectives are the following:

- XML format for fencing at any level, for the FIE
- XML files for starting competitions
- XML files for competition results for
- Updating rankings
- Displaying state/results of the competition at any stage (but not live display)
- For research of medical commission (that is why we need 3 signs for indicating that fencer did not finish competition)

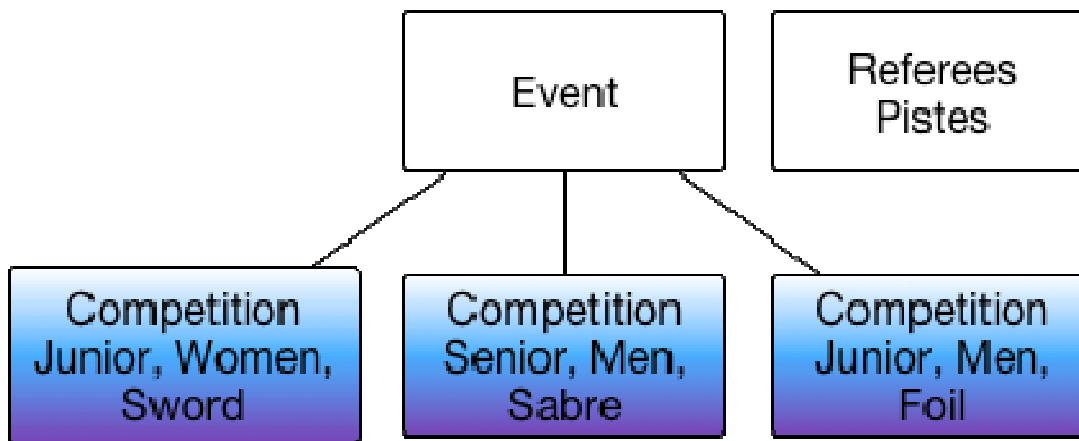
2 CONTENTS

1	Introduction	2
3	Vocabulary	5
3.1	Competition types	5
3.2	Competitors	6
4	Overview	7
5	Xml notations	10
5.1	References inside the document	10
5.2	Encoding	11
5.3	Elements and attributes	11
6	XML schema defining the syntax for both input and output XML files	12
6.1	Document root elements	12
6.1.1	CompetitionIndividuelle	12
6.1.2	CompetitionParEquipes	15
6.1.3	BaseCompetitionIndividuelle	16
6.1.4	BaseCompetitionParEquipes	16
6.2	Xml elements	17
6.2.1	Tireurs	17
6.2.2	Status	19
6.2.3	Ranking	20
6.2.4	Equipes	22
6.2.5	Match	23
6.2.6	Abandon, exclusion and forfeit	25
6.2.7	Assaut	27
6.2.8	Italian relay matches with several weapons	28

6.2.9	Phases.....	28
6.2.10	TourDePoules.....	28
6.2.11	Poule.....	31
6.2.12	PhaseDeTableaux.....	33
6.2.13	SuiteDeTableaux.....	34
6.2.14	Tableau.....	36
6.2.15	Senior competitions.....	37
6.2.16	Arbitres.....	37
6.2.17	Pistes.....	39
6.3	Enumerated values.....	39
6.3.1	Status of Tireur.....	39
6.3.2	Weapons.....	39
6.3.3	Competition categories.....	40
6.3.4	Gender.....	40
6.3.5	Competition domain.....	40

3 VOCABULARY

An **Event** groups several **Competitions**, possibly on several days.

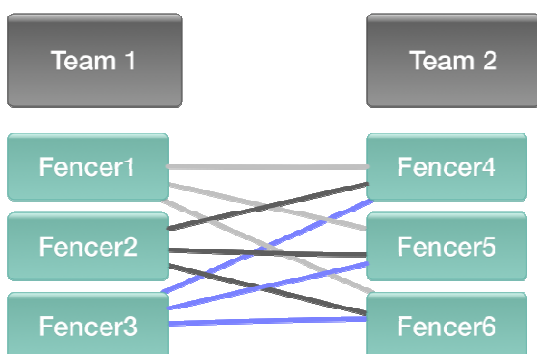


A competition is defined by its sex (feminine, masculine, mixed), its category (senior, junior, U20...), and its weapon (epee, foil, sabre). Recently new kinds of competition mix several weapons in the same matches.

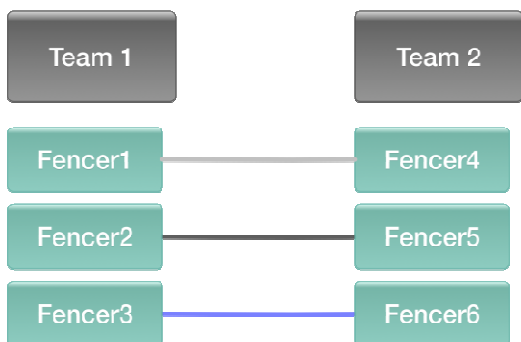
3.1 COMPETITION TYPES

There are 3 types of competitions: individual, team and italian relay. Italian relay is a new feature with respect to existing practices.

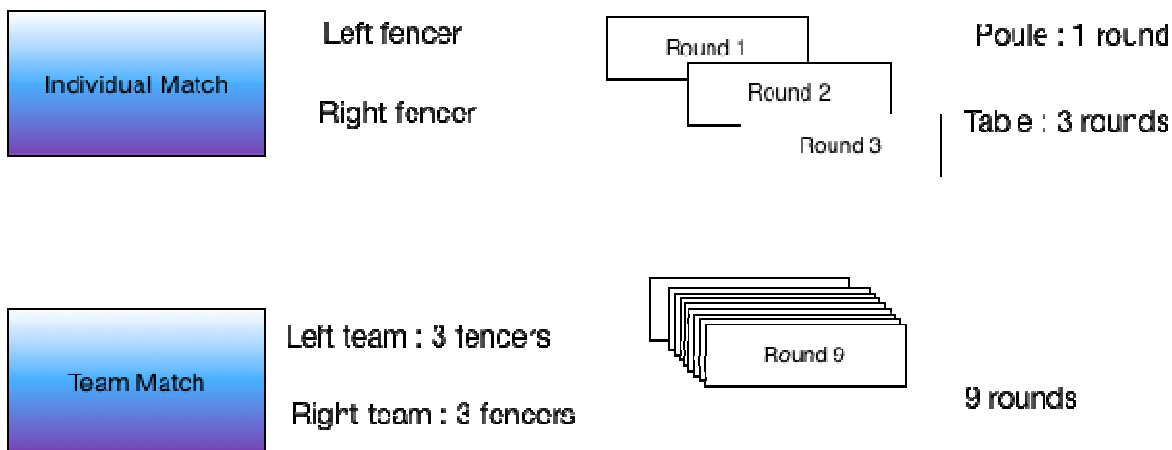
In a **team match**, all fencers in a team will fight against all fencers in the other team, leading to 9 rounds (assaults).



In an **Italian relay** match, all team fencers will encounter only one opponent. The team size in an Italian relay may vary, 2,3 and 6 are the most used. The number of matches in an Italian relay (Relais à l'italienne) is the number of fencers of each team.



In individual competition matches, there are usually 3 rounds for tables, and 1 round for poules, all rounds with the same fencers. For simplicity, individual table results are summarized as one round, but for connected machines, the round number must be incremented.



In team matches, there are usually 9 rounds (3 x 3) so that every team member meet every member of the other team.

In Italian relay matches there are as many rounds as members of the team.

3.2 COMPETITORS

A **competitor** is a generic term used either for **participants** in an individual competition or for **teams** in team or Italian relay competitions.

A team is composed of individual fencers in a defined order. In an Italian relay, fencers may appear several times in the team if they fight more than once (example from formula In Championnats de la Méditerranée in Marseille, sequence of men epee, men foil, men sabre, men sabre, men foil, men epee).

4 OVERVIEW

The xml documents are organized in a hierarchical manner from a root.

The roots are the following:

- **BaseCompetitionIndividuelle** for preparation of individual competitions
- **BaseCompetitionEnEquipes** for preparation of team competitions
- **CompetitionIndividuelle** for results of individual competitions
- **CompetitionParEquipes** for results of team competitions

The competition usually defines fencers or teams, referees and results if it is the case. The results are decomposed in stages of the competition (Phases) in chronological order.

The competition may be composed of any number of stages in a sequence. Stages are of 2 types: **Phases de tableaux** and **Tour de poules**.

A **Phase de tableaux** includes several **Suite de tableaux**. A **Suite de Tableaux** is a sequence of **Tableaux** played in a sequence.

Each **Suite de Tableaux** includes several **Tableaux**, and each **Tableau** several matches.

In the same way, a **Tour De Poules** includes several **Poules**, each **Poule** with several matches.

Each **Match** includes 2 **Tireurs** (individual participants) or includes several **Assauts** (rounds), each one with 2 **Tireurs**, depending if the competition is individual or team or Italian relay.

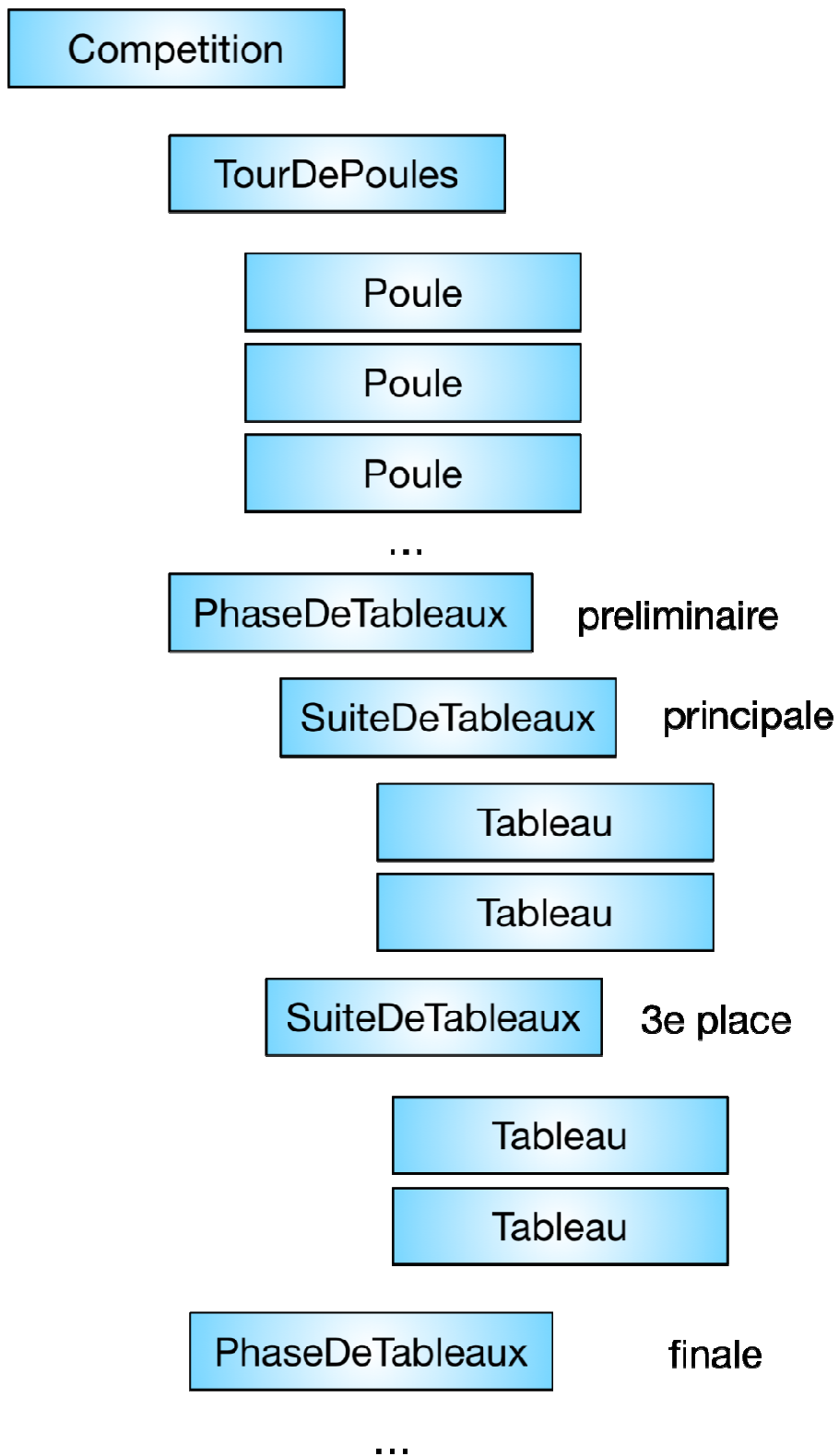


Table 1: Competition decomposition

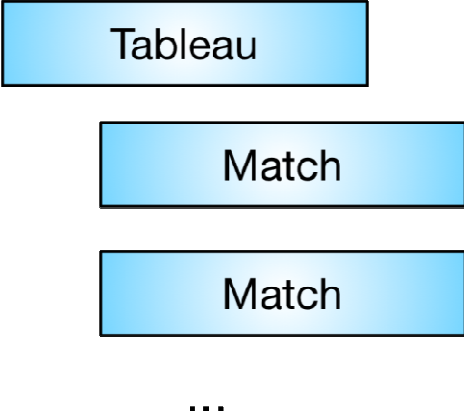


Table 2: Tableau decomposition

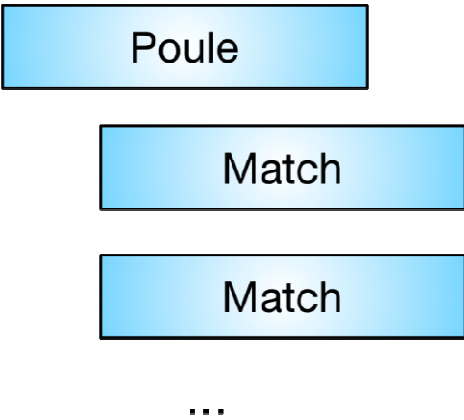


Table 3: Poule decomposition

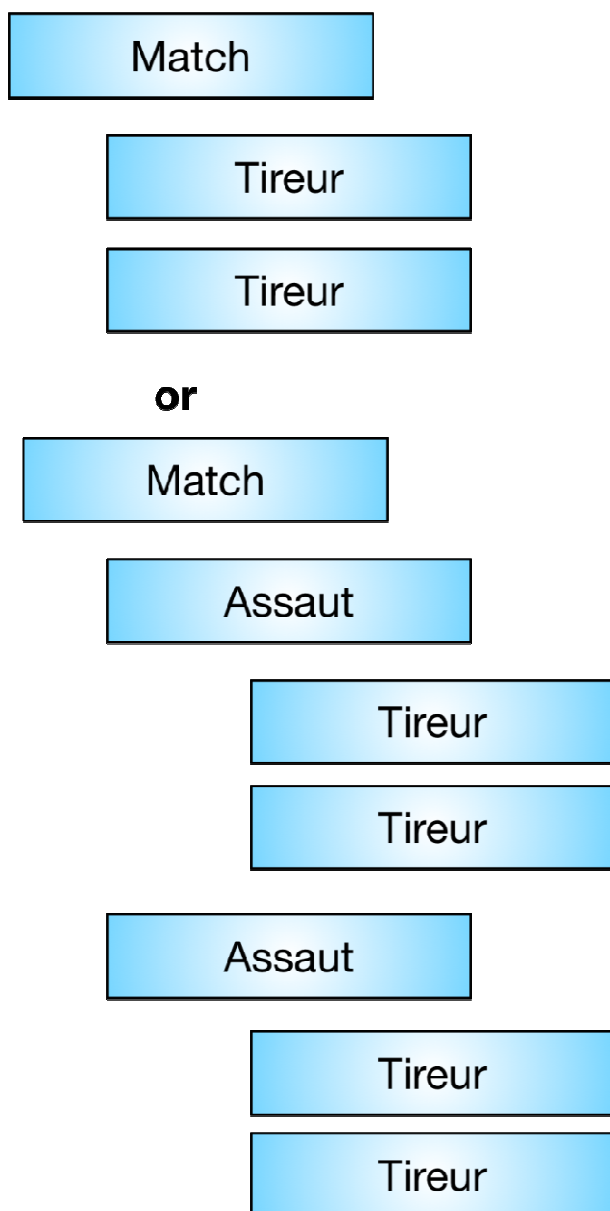


Table 4: 2 alternative match decompositions

5 XML NOTATIONS

5.1 REFERENCES INSIDE THE DOCUMENT

XML allows to define references inside a document.

Typically, the fencers (**Tireurs**) will be defined at the top of the competition, and each match will hold a reference to a fencer using the REF attribute pointing to the Tireur ID, e.g.

Tireur ID = "13" Nom="Dupont"

Tireur REF = "13" : will reference Tireur Dupont

5.2 ENCODING

The encoding for the XML files will be preferably UTF-8. For upward compatibility ISO-8859-1 (western Europe) will be accepted. In an XML file the encoding is specified at the top of the document.

Example:

```
<?xmlversion="1.0" encoding="UTF-8"?>

<CompetitionIndividuelle      Annee="2016/2017"      Arme="E"
Categorie="S"  Championnat="FIE"  Date="10.02.2017"  Domaine="I"
Federation="ITA"      ID="92"      Organisateur=""      Sexe="F"
TitreCourt="2017-9"  TitreLong="Coupe du Monde">
```

5.3 ELEMENTS AND ATTRIBUTES

The XML schema will define a structure of elements composed of attributes and other elements.

The notation `use="required"` will indicate that the attribute is mandatory.

The notation `minOccurs="0" maxOccurs="unbounded"` will indicate that the collection may have zero or n elements.

The notation `xs:choice` indicates that the expected element might be of different types, e.g.:

```
<xs:choice minOccurs="0">
  <xs:element      minOccurs="0"      maxOccurs="unbounded"
ref="Equipe"/>
  <xs:element      minOccurs="0"      maxOccurs="unbounded"
ref="Tireur"/>
</xs:choice>
```

Indicates that the expected element may be either an **Equipe** or a **Tireur**.

6 XML SCHEMA DEFINING THE SYNTAX FOR BOTH INPUT AND OUPUT XML FILES

6.1 DOCUMENT ROOT ELEMENTS

The reference file holds for both input and ouput XML files.

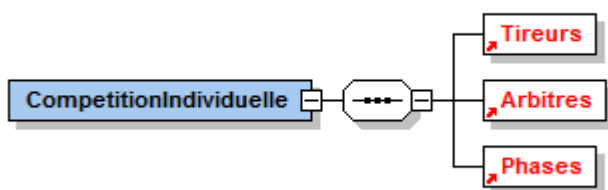
In input files, the root of the document is either a **BaseCompetitionIndividuelle** or a **BaseCompetitionParEquipes**.

For output files, the root of the document is either **CompetitionIndividuelle** or **CompetitionParEquipes**.

Mixed Italian relays will be using the same structure as team competitions with a different type.

6.1.1 COMPETITIONINDIVIDUELLE

CompetitionIndividuelle is the root element of individual competition results.



It holds a list of **Tireurs** for fencers who fenced in the competition, a list of **Arbitres** empty or not for referees involved in the competition, a list of **Phases** for competition results.

Attributes of CompetitionIndividuelle

Attribute name	Type	Mandatory	Comment
Annee	Xs:string	x	Year or season where the competition took place. In the case of FIE competition, this will hold 2 consecutive years separated by the « / » character, e.g. 2002/2003.
Arme	Xs:string	x	Weapon code of the competition. Allowed values are (F = Foil, E = Epée and S = Sabre, M = Mixed)
Categorie	Xs:string	x	Competition category. Allowed values are: S = Senior, J = Junior,

			C = Cadet, V = Veteran, ...)
Championnat	Xs:string		The Championnat attribute identifies the organization which holds the calendar and the ranking (FIE or IOC nation code for each country)
Date	Xs:string	x	Start day of the competition with the following format: DD.MM.YYYY. Required for the Scoreboards (it is also possible to use the new "Date" attribute of the element "Match" because a lot of competitions last more than one day).
DateDebut	Xs:string		For competitions spanning several days in format: DD.MM.YYYY
DateFin	Xs:string		For competitions spanning several days in format: DD.MM.YYYY
DateFichierXML	Xs:string		Date of creation of the XML file (from FIE document 2012) in the following format: DD.MM.YYYY HH:MM
Domaine	Xs:string		Competition domain code. The allowed values are: I = International, N = National, R = Regional, L = League, C = clubs, Z = zone
Federation	Xs:string		Code of the federation in charge of the competition. The allowed values are the nation codes defined by IOC (optional)
ID	Xs:string	x	The ID attribute is a unique identifier in the organizer's calendar. In the FIE case, this ID is provided to the

			organizers in the input preparatory file.
Lieu	Xs:string		Location of the competition
LiveURL	Xs:string		URL for live results
Organisateur	Xs:string		Optional – Name of the organizer
Sexe	Xs:string	x	Gender of the competition. Allowed vales are: M (masculine), F, (feminine), X (mixed). Required for the Scoreboards and the Scouting.
TitreCourt	Xs:string		Short text representing the competition name (optional)
TitreLong	Xs:string		Long name representing the competition name (optional)
Titre1	Xs:string		To split titles in several lines
Titre2	Xs:string		To split titles in several lines
Titre3	Xs:string		To split titles in several lines
Titre4	Xs:string		To split titles in several lines
URLOrganisateur	Xs:string		Link on the organizer web site
Version	Xs:string		Version of the XML grammar
VideoURL	Xs:string		Video URL

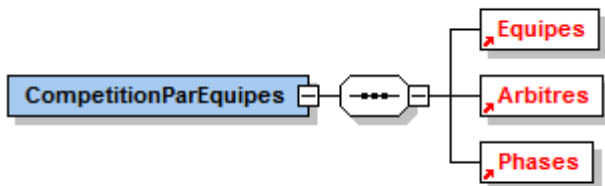
For fencers' attributes:

- The **Classement** attribute holds the fencer ranking before the competition in the ranking attached to the calendar (official FIE ranking, national ranking...). In case the fencer has no previous ranking, the attribute is omitted.

- **RangFinal** is the final ranking of the fencer in the competition. In case the fencer has no ranking, the attribute is omitted (see FIE document 2012).
- The **Points** attributes holds the fencer’s number of points before the competition
- The **Statut** attribute (Status of the fencer) is present only in case of exceptional exits (Abandon, Exclusion, Forfeit)
- In case of FIE competitions, the fencer’s attributes Ligue (league) and Club (club) are absent.

6.1.2 COMPETITIONPAREQUIPES

This type of document allows for team competition results.



The attributes are the same as CompetitionIndividuelle with 2 new attributes: Type and TailleEquipe.

TailleEquipe	Xs:string	Mandatory for Italian relays	Team size. Only needed for italian relays.
TypeCompetition	Xs:string	x	Type of team competition among: <ul style="list-style-type: none"> • S=Standard • I=Italian • V=V (Veterans WCH) Will be required for the Scoreboards.

The type accounts for different type team competitions:

- S is a standard team competition
- I is an Italian Relay competition as explained above
- V is a veteran competition. In this type of competition, the score is by number of victories instead of cumulative scoring

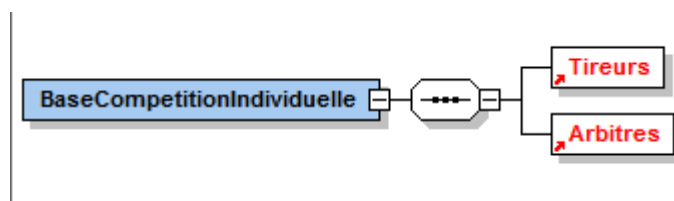
TailleEquipe is the team size and is mandatory for Italian relays, since the team size may vary, for instance 2, 3 or 6. The team size is used to generate the proper number of rounds and to check if teams are complete.

The Tireurs section is replaced by a Equipes section. Each Equipe holds a list of Tireurs.

Warning: we could also list the fencers composing teams in a Tireurs section, but this option has not been chosen.

6.1.3 BASECOMPETITIONINDIVIDUELLE

BaseCompetitionIndividuelle is used for input individual competition preparatory files.



The attributes are the same as CompetitionIndividuelle with the following remarks:

- The competition ID is provided to the organizers by the FIE using the ID attribute. This ID must be returned as well as the year (Annee) in the competition result file

For fencers' attributes:

- The **Classement** attribute holds the fencer ranking before the competition in the ranking attached to the calendar (official FIE ranking, national ranking...). In case the fencer has no previous ranking, the attribute is omitted.
- The **Points** attributes holds the fencer's number of points before the competition
- The **Statut** attribute (Status of the fencer) is absent
- In case of FIE competitions, the fencer's attributes Ligue (league) and Club (club) are absent.
- The **Phases** section is absented from the file.

Example of attributes:

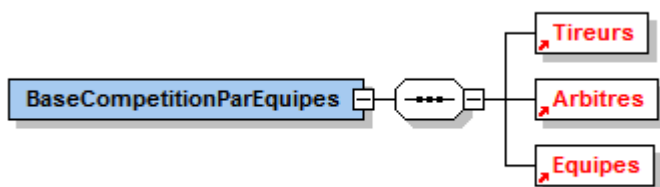
```

<?xml version="1.0" encoding="UTF8"?>
<BaseCompetitionIndividuelle xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" Championnat="FIE" ID="92" Arme="E" Sexe="F"
Domaine="I" Federation="ITA" Categorie="S" TitreLong="Coupe du Monde" Annee="2016/2017" Date="10.02.2017"
DateFichierXML="08.02.2017 15:40">
  
```

6.1.4 BASECOMPETITIONPAREQUIPES

This file is similar to the individual competition preparatory file with the following exceptions:

- The root name of the document is BaseCompetitionParEquipes
- In case of FIE competitions, the attributes Ligue and Club (league and club) are absent for fencers and teams
- The **Ligue** (league) attribute of referees is absent for FIE competitions
- The file includes a section composed of teams (Equipes). Each **Equipe** element is similar to team competitions result files with the following exception:
- The **Classement** attribute holds the ranking of the team before the competition in the organizer 's calendar; it is omitted if there is no previous ranking
- The **Points** attribute holds the points of the team before the competition
- The **Statut** attribute (team status) is absent
- **TailleEquipe** and **TypeCompetition** are required as for CompetitionParEquipes

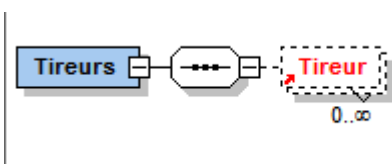


6.2 XML ELEMENTS

6.2.1 TIREURS

The **Tisseurs** element is an unbounded collection of Tireur, which may be empty.

A **Tireur** element represents either an individual participant at the top of the competition or a competitor inside a match.



If a Tireur is not ranked, his/her ranking is omitted.

Attributes of a Tireur

Name	Type	Mandatory	Comment
Arme	Xs:string		Optional. Used for mixed weapon competitions. Any value among E, F, S.
Classement	Xs:integer		In the input and output files: official FIE or national ranking before the competition. Must be omitted if the fencer has no ranking. (FIE document 2012)
Club	Xs:string		Fencer's club (optional).
DateNaissance	Xs:string		Birth date of the fencer in the format dd.mm.yyyy
Dossard	Xs:integer		The mask number of the fencer
Equipe	Xs:string		Name of the team it belongs to if it is the case
ID	Xs:string	x	Unique identifier in the competition. In FIE files this comes from the database identifier. Mandatory inside lists of fencers. Inside matches or poules, only REF is used.
Lateralite	Xs:string	x	D for right handed, G for left-handed; only in input files. Required for the Scoreboards and the Scouting.
Licence	Xs:string		Fencer's license number in the competition calendar. This number is provided to the organizers in the input files.
LicenceNat	Xs:string		The national license identifier of the fencer
Ligue	Xs:string		Fencer's league (optional)
Nation	Xs:string	x	Fencer's nation code according to CIO codes. This is mandatory for FIE competitions. Required for the Scoreboards and the Scouting.
NbMatches	Xs:integer		Number of matches fought inside the poule. Used in the context of a poule
NbVictoires	Xs:integer		Number of victories inside the poule. Used in the context of a poule
NoDansLaPoule	Xs:integer		Initial seeding inside the poule. Can be used to infer lines and columns inside a poule grid. Used in the context of a poule
Nom	Xs:string	x	Name of the fencer. Required for the Scoreboards and the Scouting.
Prenom	Xs:string	x	First name of the fencer. Required for the Scoreboards and the Scouting.
PhotoURL	Xs:string		Photo URL of the fencer
Points	Xs:string		Points contains the number of points of the fencer in relation to his/her ranking. The decimal separator is a dot (.)
REF	Xs:string		Reference to the ID of a Tireur inside a Match, a Poule, a TourDePoules or any other entity

RangFinal	Xs:integer		Used inside stages and in the competition. Omitted if no final ranking in a stage or a competition. Mandatory when the information is known
RangInitial	Xs:integer		Used inside stages and in the competition.
RangPoule	Xs:integer		Used inside Poules: ranking inside the poule. Required for the Scoreboards, should be mandatory when the information is known.
Score	Xs:integer		Used inside a Match. Omitted if the match has not begun or has not been fought. Required for the Scoreboards, should be mandatory when the information is known.
Sexe	Xs:string	x	Gender code (M = Masculine et F = Feminine).
Statut	Xs:string		Status of the fencer. Various meanings according to the context. Required for the Scoreboards, should be mandatory when the information is known.
TD	Xs:integer		Used inside a poule: number of given hits. Required for the Scoreboards, should be mandatory when the information is known.
TR	Xs:integer		Used inside a poule : number of received hits. Required for the Scoreboards, should be mandatory when the information is known.

Important not : License takes a “c” in French as in “Licence”.

6.2.2 STATUS

The status of a fencer has different meaning according to the context (competition, stage, poule, match).

The various values are:

Forfeit (F): the fencers has registered for the competition but does not show up or must withdraw because of a non-medical reason; fencer is cited in final ranking after competition; he/she has a defined rank only if it finishes either a complete poule or a complete tableau match

Abandon (A): a fencer begins a competition but must withdraw because of a medical reason (injury or illness) ; fencer is cited in final ranking after competition; he/she has a defined rank only if it finishes either a complete poule or a complete tableau match

Exclusion (E): the fencer is removed from the competition because of infraction black card for disturbing order followed by suspension for two months (disciplinary black card); fencer is not cited in final ranking after competition

The letters used are consistent with the letters used in the Cyrano protocol.

The different statuses are defined in the annex.

Outside of these statuses, the status may also denote operational status according to the context:

Inside a match:

- V for victory
- D for defeat

Inside a stage:

- **Exempted (X)**: a stage will only list fencers exempted at the end of it, it will not list fencers exempted at the beginning of the stage.
- **Qualified (Q)**: fencers qualified for the next stage
- **Non-Qualified (N)**: fencers not qualified for the next stage

In case the status is not known or is normal, the attribute is omitted (no default value). For instance, at the end of the final stage, the fencer's stage status will be skipped (no qualification is needed).

6.2.3 RANKING

Inside a competition, the fencers list (Tireurs element of the root document) will provide for each fencer:

- **Classement**: ranking of the fencers before of the competition
- **RangInitial (optional)**: seeding of the fencer in the competition
- **RangFinal**: final ranking of the fencer in the competition.

Inside a stage, the fencers list will provide for each fencer:

- **RangInitial**: seeding of the fencer inside the stage (for instance poule ranking for the following tableau)
- **RangFinal**: final ranking of the fencer inside the stage, for instance tour de poules ranking or phase de tableau ranking

In case of ties, the ranking will not have any special notation. This extension (for instance 3T or =3) may be reflected in the display but not in the XML result files.

In case the fencer has no final ranking, the **RangFinal** attribute will be omitted like below (see FIE document 2012):

```
<Tireur Classement="2" Club="" DateNaissance="09.03.1992"
ID="21" License="09031992000" Nation="FRA" Nom="REMBI"
Prenom="Lauren" Sexe="F" RangInitial="2"></Tireur>
```

The statut will be omitted unless there is an exceptional status (A,E,F). This scheme can be used for incomplete ranking as well.

Ranking rules according to status are described in annex.

Important note: at present, there is an ambiguity for the **Classement** attribute which is used in input files for FIE ranking before the competition, and in output files for final ranking after the competition. In order to remove this ambiguity and to be able to convey the FIE ranking in the results, the final ranking must be stored in **RangFinal** and not any more in **Classement** in the fencers list of the document. This will imply a modification in existing result systems and software.

In order to ensure the transition between the 2 versions, **the root competition must provide a Version attribute with the value of 3.3**, in order for software to manage different document structures.

```
<CompetitionIndividuelle... Version="3.3".../>
```

Example of a participant inside the fencers' list of an input file (no Statut)

```
<Tireur           Classement="2"           Club=""
DateNaissance="09.03.1992"   ID="21"   Licence="09031992000"
Nation="FRA"  Nom="REMBI"  Prenom="Lauren"  Sexe="F"></Tireur>
```

Example of a participant inside the fencers' list of an output file (no Statut if normal, both Classement and RangFinal)

```
<Tireur Classement="2" RangFinal="3" Club=""
DateNaissance="09.03.1992" ID="21" Licence="09031992000"
Nation="FRA"  Nom="REMBI"  Prenom="Lauren"  Sexe="F"></Tireur>
```

Example of a participant inside the fencers' list of an output file (Statut of Abandon, both Classement and RangFinal)

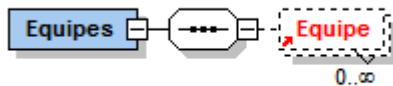
```
<Tireur Classement="2" RangFinal="3" Club=""
DateNaissance="09.03.1992" ID="21" Licence="09031992000"
Nation="FRA"  Nom="REMBI"  Prenom="Lauren"  Sexe="F"
Statut="A"></Tireur>
```

Remark: In this case, the abandon must have occurred in a tableau, otherwise there would be no final ranking.

Important note: The status of a fencer in the fencers list is the status of the last stage in which the fencer is participating. It is omitted if it is normal. This is a difference with the present situation, where he/she has a status of "N".

6.2.4 EQUIPES

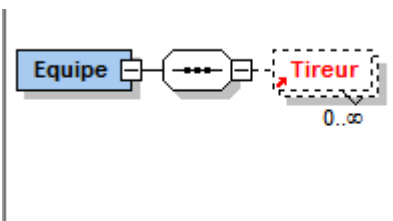
The **Equipes** element is an unbounded collection of Equipe which may be empty.



A team is composed of fencers.

The original XML document mentioned that the team ID will be the nation name, but this raises issues with 2 teams of the same countries, with country spelling, etc.

In this document, a team will have a name and a country, and the ID will be a unique identifier to the competition. For upward compatibility, we keep it as a string.



Attributes of a team

A Equipe has exactly the same attributes as a Tireur with the following remarks:

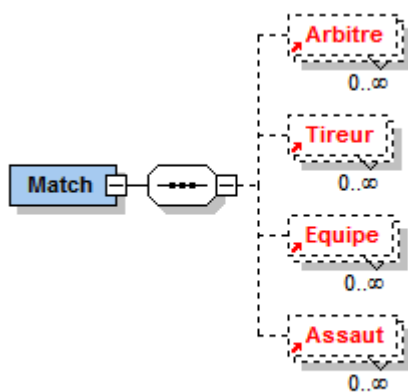
- A team has no Prenom, no Lateralite
- Nom is a new attribute to remove the ambiguity between Team identifier and nation, in case of 2 teams of the same nation, or in case of spelling issues, etc.
- Nation holds the nation code and not the nation name (new feature)

Name	Type	Mandatory	Comment
Nation	Xs:string		Team nation. This attribute is mandatory for FIE competitions. The codes used are those from the CIO. Required for the Scoreboards.
Nom	Xs:string	x	Team name. New attribute to separate nation from team name

In particular, a team may have an initial ranking (classement) and a number of points, same as fencers. It also has an Id. Status for teams are the same as for fencers (abandon, exclusion, forfait).

Note: the size of a team is unbounded. A team is a sequence of fencers, which may be repeated if they fence twice, for instance in Marseille 2017 formula with gender Italian relays with mixed weapon: men epee, men foil, men sabre, men sabre, men foil, men epee.

6.2.5 MATCH



A match may represent an individual or a team match or an Italian relay. Its ID is its sequence number in the Poule or the Tableau to which it belongs.

A match holds a list of any number of referees or none, a list of any number of Assaut or none, a list of any number of Equipe or none. Of course, a match holds either Tireurs or Equipes but not both, whether it is an individual or a team match.

Note: It would have been better to introduce a new element **MatchEnEquipe**, but for upward compatibility this is not chosen. This allows to be able to keep the short form for team matches with only the sum of scores of all fencers without detailing each **Assaut**.

The number of competitors in a match is unbounded to account for mixed Italian relays with teams of 6.

The number of Assaut (rounds) is also unbounded.

Match attributes

Name	Type	Mandatory	Comment
Date	Xs:string		Date of the match in the format (DD.MM.YYYY). Required for the Scoreboards, should be mandatory when the information is known.
Heure	Xs:string		Schedule of the match in the format HH:MM (e.g. 09:00). Required for the Scoreboards, should be mandatory when the information is known.
ID	Xs:string	x	Sequence number in the Poule or the Tableau to which it belongs.
Piste	Xs:string		Piste number or any symbol for instance ROUGE, BLEUE, VERTE, JAUNE, PODIUM. Required for the Scoreboards, should be mandatory when the information is known.

Important note: the 2012 FIE document mentioned p 14 and 16 that a bye match would have no ID and would shift other matches Ids. Instead we suggest to keep the ID as all other matches.

It is possible to attach the role of a referee in the Arbitre element:

<Arbitre REF="ArbitreID_n" **Role** = "r"/>, with potential values of role: P (principal), V (video), A (assistant).

Expected attributes of **Tireur** element inside a Match:

Name	Type	Mandatory	Comment
REF	Xs:string	x	References the Tireur with ID of the same value
Score	Xs:integer	x	Number of hits. Omitted if the match has not been fought or has not begun. There is a distinction between a match without score (omitted attribute) because it has not yet started and a match with a null score Score="0"
Statut	Xs:string	x	Fencer status at the end of the match (A = Abandon, E = Exclusion, F = Forfait, V = Victory D = Defeat)

Note: It would have been more accurate to introduce an element MatchTireur, but for upward compatibility we will keep this ambiguity.

XML schema :

```

<xs:element name="Match">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="Arbitre" minOccurs="0" maxOccurs="unbounded"/>
      <xs:element ref="Tireur" minOccurs="0" maxOccurs="unbounded"/>
      <xs:element ref="Equipe" minOccurs="0" maxOccurs="unbounded"/>
      <xs:element ref="Assaut" minOccurs="0" maxOccurs="unbounded"/>
    </xs:sequence>
    <xs:attribute name="Time" type="xs:string"/>
    <xs:attribute name="ID" type="xs:string" use="required"/>
    <xs:attribute name="Piste" type="xs:string"/>
  </xs:complexType>
</xs:element>

```

Examples

```

<Match ID="15" Piste="BLEUE">
  <Arbitre REF="13"></Arbitre>
  <Tireur REF="17" Score="1" Statut="D"></Tireur>
  <Tireur REF="116" Score="2" Statut="V"></Tireur>
</Match>
<-!2 referees: one principal, one video->
<Match ID="1">
  <Arbitre REF="2" Role="P" ></Arbitre>
  <Arbitre REF="1" Role="V" ></Arbitre>
  <Tireur REF="1" Score="4" Statut="D"></Tireur>
  <Tireur REF="2" Score="15" Statut="V"></Tireur>
</Match>

```

Note: The element Tireur is used both for match competitor and for individual competition participant. This ambiguity is kept for upward compatibility but a better option would be to use Competitor inside a Match.

A Tireur reference may point either to a Participant (Tireur element) or a team (Equipe element).

6.2.6 ABANDON, EXCLUSION AND FORFEIT

For abandon within a match, the Tireur status in the match will be marked as "A" for Abandon, and the opponent as "V" for Victory. This holds also for teams (Equipe).

See Annex for meaning of the statuses.

Match with abandon

```
<Match ID="1">
  <Tireur Score="5" REF ="31" Statut="A"></Tireur>
  <Tireur Score="15" REF ="3" Statut="V"></Tireur>
</Match>
```

Match with exclusion

```
<Match ID="1">
  <Tireur REF ="45" Statut="E"></Tireur>
  <Tireur REF ="34" Statut="V"></Tireur>
</Match>
```

Match with forfeit

A no show or a non-medical issue will be noted as Forfait (F).

```
<Match ID="1">
  <Tireur REF ="45" Statut="F"></Tireur>
  <Tireur REF ="34" Statut="V"></Tireur>
</Match>
```

Byes

In case a tableau match is not fought (bye) one of the fencers will be left blank, and the score and the status of the fencers will not be mentioned:

```
<Match ID="1">
  <Tireur ID="45"/>
  <Tireur/>
</Match>
```

Note: this is a small modification with the 2012 document that mentions that in this case one of the Tireur XML element is skipped like in the following:

```
<Match ID="1">
  <Tireur ID="45"/>
```

```
</Match>
```

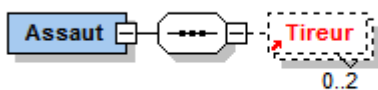
Keeping both elements allows to know how to display the tableau because the bye might be in the first element or the second element.

Match scheduling

For competition display, it is sometimes useful to draw a match in a tableau without knowing yet the fencers' names.

```
<Match ID="1" Piste="PODIUM" Heure="09:00">
  <Tireur/>
  <Tireur/>
</Match>
```

6.2.7 ASSAUT



An Assaut is a round inside a team match or an Italian relay.

An Assaut has only 0 or 2 fencers.

Attributes of an Assaut :

Name	Type	Mandatory	Comment
ID	Xs:string	X	Sequence number of an Assaut inside a Match

Example of a team match with assauts:

```
<Match ID="1">
  <Equipe REF="1" Score="44" Statut="D"/>
  <Equipe REF="2" Score="45" Statut="V"/>
  <Assaut ID="1">
    <Tireur REF="76" Score="2" Statut="N"/>
    <Tireur REF="31" Score="5" Statut="N"/>
  </Assaut>
  <Assaut ID="2">
```

```

    <Tireur REF="68" Score="8" Statut="N"/>
    <Tireur REF="14" Score="2" Statut="N"/>
  </Assaut>

```

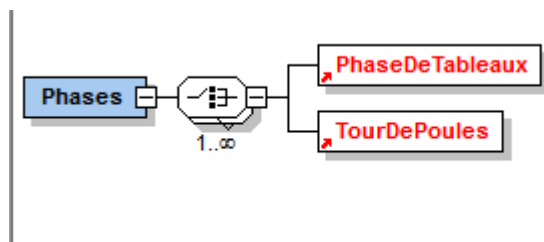
... up to 9 Assauts.

6.2.8 ITALIAN RELAY MATCHES WITH SEVERAL WEAPONS

Italian relays with several weapons are not in the statutes of the FIE. Nonetheless, the standard could handle that case easily. The **Arme** attribute of the competition will be marked as “M” for Mixed, and each fencer will have a weapon attribute. Rounds in a match will only contain fencers of the same weapon.

This implies that a single fencer may not change weapon during a match, and that different weapons inside a match will involve different fencers.

6.2.9 PHASES

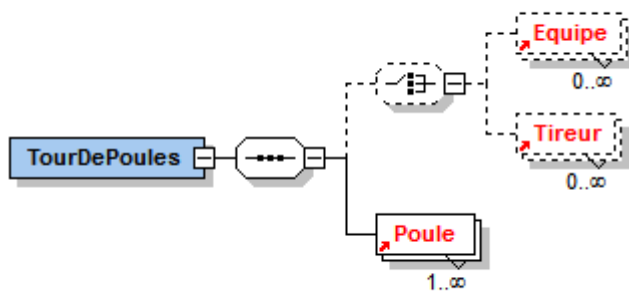


There are 2 types of phases: **PhaseDeTableaux** composed of SuiteDeTableaux composed of Tableaux, and **TourDePoules** composed of Poules.

The **Phases** element is a sequence of a choice between PhaseDeTableaux and TourDePoules. It is potentially possible with this schema to have any number of PhaseDeTableaux and TourDePoules in any sequence.

6.2.10 TOURDEPOULES

A **TourDePoules** is a stage composed of Poules.



A TourDePoules is composed of Poules, as well as references to competitors (either Equipes or Tireurs).

A TourDePoules first lists either Equipes or Tireurs, then lists a number of Poules.

A TourDePoules holds only fencers enrolled in the TourDePoules, including exempted fencers.

Exempted fencers will be marked with the X status, and will keep the same ranking for RangInitial et RangFinal.

Fencers without ranking will have no RangFinal attribute.

For each Tireur, the following attributes are expected:

Name	Type	Mandatory	Comment
REF	Xs:string	x	ID's of the referenced fencer in the competition Tireurs section
RangInitial	Xs:integer	x	Initial fencer's ranking in the Tour de poules
RangFinal	Xs:integer		Final fencer's ranking in the Tour De Poules. Omitted if not ranked. Required for the Scoreboards, should be mandatory when the information is known.
Statut	Xs:string		Fencer's status at the end of the Tour De Poules (X = exempted, Q = qualified, N = not qualified, A = abandon, E = exclusion, F = forfait). Required for the Scoreboards, should be mandatory when the information is known.

FIE does not use team TourDePoules, but in the case of team TourDePoules would be used, the same attributes would be expected from an Equipe inside a TourDePoules, only the REF will reference a team ID instead of a fencer Id.

In case the status is not known or is normal, the attribute is omitted (no default value).

Note: an alternative would be to introduce instead of *Tireur* a **Concurrent** element that would reference either a *Tireur* or an *Equipe*, but this has not been chosen for upward compatibility issues.

Attributes of a *TourDePoule*

Name	Type	Mandatory	Comment
ID	Xs:string	x	The stage sequence number, e.g. 1 if the <i>TourDePoules</i> comes first.
NbDePoules	Xs:integer	x	Number of poules
NbQualifiesParPoule	Xs:integer	x	Number of fencers qualified by ranking in each poule, 0 by default
NbQualifiesParIndice	Xs:integer	x	Number of fencers qualified by index in the whole Tour de Poules, 0 by default
PhaseId	Xs:string		The PhaseID attribute is a unique identifier of phases inside the competition and allows to chain stages in sequence. Required for the Scoreboards and the Scouting.
PhaseSuiivanteDesQualifies	Xs:string		PhaseId that references the next stage for qualified competitors. If this attribute is missing, this is the last stage of the competition.
PhaseSuiivanteDesElimines	Xs:string		PhaseId that references the next phase for eliminated competitors. If this attribute is missing the eliminated fencers will have no repechage and their final ranking will be the one obtained at the end of this stage. Required for the Scoreboards, should be mandatory when the information is known.

Example:

```
<TourDePoules ID="1" NbDePoules="11" NbQualifiesParIndice="0" NbQualifiesParPoule="0"
PhaseId="Phase 1 - Poules">
```

```
  <Tireur REF="47" RangFinal="47" RangInitial="1" Statut="Q"></Tireur>
```

```
  <Tireur REF="54" RangFinal="37" RangInitial="2" Statut="Q"></Tireur>
```

...

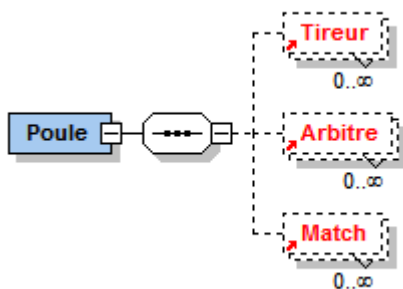
```
<Poule ID="1"> ...
```

<Poule ID="2">...

6.2.11 POULE

The poule element is composed of a list of fencers (**Tireurs**) participating in the poule with their seeding in the poule, a list of referees which can be empty and a list of match results which can be empty.

Note: it is useful to allow for empty results to be able to use this format for partial results.



Attributes of Poule

Name	Type	Mandatory	Comment
Date	Xs:string		Date of the beginning of the poule in format (DD.MM.YYYY). Required for the Scoreboards, should be mandatory when the information is known.
Heure	Xs:string		Time schedule of the poule in format: HH:MM (e.g. 09:00). Required for the Scoreboards, should be mandatory when the information is known.
ID	Xs:string	x	The ID attribute is a unique identifier of a poule in a Tour de poules. Usually the poule number
Piste	Xs:string		Piste used by the poule. Required for the Scoreboards, should be mandatory when the information is known.

Note: It may happen that some poules are split among 2 pistes. Each match may indicate its own piste.

Expected attributes of Tireur (resp. Equipe) inside a Poule:

Name	Type	Mandatory	Comment
NoDansLaPoule	Xs:integer		Fencer's seeding in the poule
NbVictoires	Xs:integer		Fencer's number of victories. Required for the Scoreboards, should be mandatory when the information is known.
NbMatches	Xs:integer		Fencer's number of matches fought. Required for the Scoreboards, should be mandatory when the information is known.
RangPoule	Xs:integer		Fencer's ranking in the poule. Required for the Scoreboards, should be mandatory when the information is known.
TD	Xs:integer		Number of given hits. Required for the Scoreboards, should be mandatory when the information is known.
TR	Xs:integer		Number of received hits. Required for the Scoreboards, should be mandatory when the information is known.

All attributes are required for the Scoreboards, should be mandatory when the information is known.

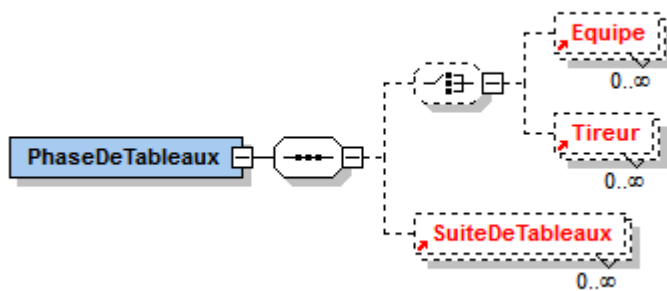
Each match inside a Poule is composed of the 2 fencers (Tireur), resp. Equipe participating in it. The ID is a unique identifier of the match inside a Poule, usually its sequence number.

```
<Poule ID="1" Piste="BLUE">
  <Tireur NbMatches="6" NbVictoires="2" NoDansLaPoule="1" RangPoule="6" REF="67" TD="15"
  TR="28"/>
  <Tireur NbMatches="6" NbVictoires="0" NoDansLaPoule="2" RangPoule="7" REF="167" TD="15"
  TR="30"/>
  <Tireur NbMatches="6" NbVictoires="4" NoDansLaPoule="3" RangPoule="3" REF="17" TD="22"
  TR="15"/>
  <Tireur NbMatches="6" NbVictoires="3" NoDansLaPoule="4" RangPoule="4" REF="117" TD="23"
  TR="17"/>
  <Tireur NbMatches="6" NbVictoires="5" NoDansLaPoule="5" RangPoule="1" REF="116" TD="23"
  TR="18"/>
  <Tireur NbMatches="6" NbVictoires="3" NoDansLaPoule="6" RangPoule="5" REF="166" TD="23"
  TR="24"/>
  <Tireur NbMatches="6" NbVictoires="4" NoDansLaPoule="7" RangPoule="2" REF="66" TD="23"
  TR="12"/>
  <Arbitre REF="13"/>
  <Match ID="1" Piste="BLUE">
    <Arbitre REF="13"/>
    <Tireur REF="67" Score="1" Statut="D"/>
    <Tireur REF="117" Score="5" Statut="V"/>
  </Match>
  <Match ID="2" Piste="BLUE">
    <Arbitre REF="13"/>
    <Tireur REF="167" Score="4" Statut="D"/>
    <Tireur REF="116" Score="5" Statut="V"/>
  </Match>
```

6.2.12 PHASEDETABLEAUX

A **PhaseDeTableaux** holds tableaux sequenced in SuiteDeTableaux.

The **PhaseDeTableaux** holds only the list of fencers (resp. teams) qualified for the PhaseDeTableaux together with their initial ranking and final ranking in the PhasedeTableaux.

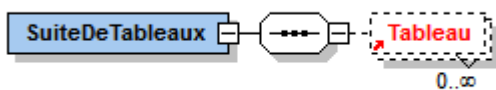


Attributes of a PhaseDeTableaux

Same as TourDePoules without number of qualified.

Name	Type	Mandatory	Comment
ID	Xs:string	x	The stage sequence number, e.g. 1 if the TourDePoules comes first.
PhaseId	Xs:string	x	The PhaseID attribute is a unique identifier of phases inside the competition and allows to chain stages in sequence. Required for the Scoreboards and the Scouting.
PhaseSuiivanteDesQualifies	Xs:string		PhaseId that references the next stage for qualified competitors. If this attribute is missing, this is the last stage of the competition.
PhaseSuiivanteDesElimines	Xs:string		PhaseId that references the next phase for eliminated competitors. If this attribute is missing the eliminated fencers will have no repechage and their final ranking will be the one obtained at the end of this stage. Required for the Scoreboards, should be mandatory when the information is known.

6.2.13 SUITEDETABLEAUX



A **SuiteDeTableaux** is an unbounded collection of **Tableau**. It May be empty.

Quoting J.F. Nicaud

A SuiteDeTableaux is composed of N tableaux such as winners of matches 1 and 2 of the K tableau meet in the match 1 of the K+1 tableau.

It can be used for fenced places or derived competitions.

For instance, a PhaseDeTableaux of 8 competitors with all fenced places will have:

- One main suite
- A suite for 3rd place with only one tableau of one match
- A suite for 5th place with 2 tableaux
- A suite for 7th place with one tableau

TitreCourt	teams		
TitreLong	Coupe du Monde par équipes		
Equipes			
Arbitres			
Phases			
PhaseDeTableaux			
ID	1		
PhaseID	Phase 1 - Tableau		
Equipe (21)			
SuiteDeTableaux (8)			
ID	NbDeTableaux	Titre	Tableau
1	5	Suite principale	Tableau (5)
2	1	3ème place	Tableau (1)
3	2	5ème place	Tableau (2)
4	1	7ème place	Tableau (1)
5	3	9ème place	Tableau (3)
6	1	11ème place	Tableau (1)
7	2	13ème place	Tableau (2)
8	1	15ème place	Tableau (1)

Each suite has a letter. For team world cup competition, the suites will have a letter corresponding to the place in the alphabet of the fenced place (for instance C for the 3rd place, E for the 5th place, G for the 7th, I for the 9th, etc.). If letters are not enough, double letters will be used (AA, AB, etc.). The tableaux in the suite will have IDs composed of the suite letter and the tableau size if it was complete, for instance E4 for the first tableau in the 5th place.

5ème place

Tableau (2)			
ID	Taille	Titre	Match
1 E4	4	Tableau 5-8	Match (2)
2 E2	2	Tableau 5-6	Match (1)

ID	Equipe	Assaut
1 1	Equipe (2)	Assaut (9)
2 2	Equipe (2)	Assaut (9)

The chaining will take into account the eliminated destination (DestinationDesElimines):

Main suite

Suite principale

ID	DestinationDesElimines	ID	Taille	Titre
1		A32	32	Tableau de 32
2	I8	A16	16	Tableau de 16
3	E4	A8	8	Tableau de 8
4	C2	A4	4	Demi-Finale
5		A2	2	Finale

5th place

5ème place

Desti...	ID	Titre
1 G2	E4 4	Tableau 5-8
2	E2 2	Tableau 5-6

9th place

9ème place

Desti...	ID	Titre
1 M4	I8 8	Tableau 9-16
2 K2	I4 4	Tableau 9-12
3	I2 2	Tableau 9-10

13th place

13ème place

Desti...	ID	Titre
1 O2	M4 4	Tableau 13-16
2	M2 2	Tableau 13-14

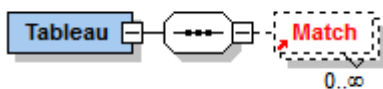
Attributes of SuiteDeTableaux

Name	Type	Mandatory	Comment
ID	Xs:string	x	The ID attribute is a unique identifier for the SuiteDeTableaux inside a PhaseDeTableaux. It will be used to chain SuiteDeTableaux inside the PhaseDeTableaux when losers of some level go to a branch.
NbDeTableaux	Xs:integer	x	Number of Tableaux inside the SuiteDeTableaux

Lettre	Xs:string	x	Acronym (one or 2 letters) to prefix Tableaux id's; usually A for the main SuiteDeTableaux
Titre	Xs:string		Description of the SuiteDeTableaux
DestinationDesQualifies	Xs:string		Reference on the ID of the SuiteDeTableaux destination of the qualified fencers. If this attribute is missing, the qualified fencers will participate in the phase referenced by PhaseSuiivanteDesQualifies of the ancestor PhaseDeTableaux.

This document adds a new attribute, Lettre, which defines the letters used to prefix the Tableaux ids.

6.2.14 TABLEAU



Quoting the original document

“Tableau : C’est un terme d’escrime qui a tantôt le sens strict de tableau dans lequel chaque tireur tire un seul match, tantôt le sens plus général de **suite de tableaux**. Dans ce document, nous utilisons le sens strict. »

A Tableau is a collection of matches. A tableau is identified according to the suite where it belongs.

Attributes of a tableau

Name	Type	Mandatory	Comment
ID	Xs:string	x	The ID attribute is a unique identifier of a tableau inside a SuiteDeTableaux Usually the ID is the suite letter followed by the tableau size, e.g. A32, B4 ...
Taille	Xs:integer	x	Size of the Tableau if it would be complete (128, 64, 32 ...). Required for the Scoreboards, should be mandatory when the information is known.
Titre	Xs:string	x	Description of the tableau. Required for the Scoreboards, should be mandatory when the information is known.
DestinationDesElimines	Xs:string		This attribute references the Tableau id destination of the eliminated. If this attribute is missing, this means that the defeated will be ranked according to their

			initial seeding. Remember that the destination for winners has not to be specified, it is just the next Tableau in the SuiteDeTableaux. Required for the Scoreboards, should be mandatory when the information is known.
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6.2.15 SENIOR COMPETITIONS

Senior competitions are characterized by a preliminary Tableau and a final Tableau, or more precisely 3 stages: one TourDePoules, and 2 PhaseDeTableaux.

In the competition body, we list all fencers with the FIE ranking (classement), seeding (rangInitial) and final ranking (rangFinal) if any. Non-ranked fencers will have no corresponding attribute (classement or rangFinal).

We have a list of 16 exempted before the poules (list X1).

In the tour de poules, we will exclude the list X1. We list only fencers participating in the poules, with a status of X (exempted) for the first 16 (list X2) at the end of the stage, Q for the qualified (list Q1), N for the non-qualified. All have initial ranking starting from 1 in the seeding order, and final ranking from the tour de poules.

In the intermediate Phase de tableaux, we list fencers in list Q1 with initial ranking starting from 1 in the sequence of the tour de poule ranking, with 32 reaching status Q (list Q2), the others as N. Final ranking is from intermediate tableau ranking.

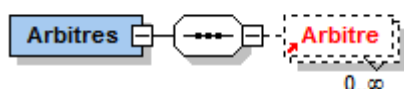
In the final Phase de Tableaux we list fencers of list X1 with initial rankings 1 to 16, list X2 with initial rankings 17 to 32, list Q2 with initial rankings > 32 and all with final ranking from final tableau ranking.

Each PhaseDeTableaux has only one SuiteDeTableaux with letter A, and thus all tableaux will be prefixed by A.

6.2.16 ARBITRES

An Arbitre represents a referee.

The **Arbitres** element is an unbounded collection of **Arbitre** which may be empty.



Referees are listed at the competition level. They are referenced at the poule level, the match level. They are not listed at the Tableau level, nor at the Assaut level.

Attributes of an Arbitre

Name	Type	Mandatory	Comment
Categorie	Xs:string		Referee's category. For FIE competitions, codes A,B and C are allowed.
CategorieEpee	Xs:string		Referee's epee category independent of the competition weapon
CategorieFleuret	Xs:string		Referee's foil category independent of the competition weapon
CategorieSabre	Xs:string		Referee's sabre category independent of the competition weapon
Club	Xs:string		Referee's club (optional)
DateNaissance	Xs:string		Birth date of the referee in the format (DD.MM.YYYY).
ID	Xs:string	x	ID is a unique identifier among all the referees in the competition. It can be freely chosen by organizers even if it is admissible to use the license number. It is used to reference the referee inside poules or matches.
Licence	Xs:string		Referee license number according to the competition calendar (FIE or national). This number is provided in the input files.
Ligue	Xs:string		Referee's league (optional)
Nation	Xs:string		Referee's nation code as listed by CIO. This is mandatory for international competitions. Required for the Scoreboards, should be mandatory when the information is known.
Nom	Xs:string		Referee's name. Required for the Scoreboards, should be mandatory when the information is known.
Prenom	Xs:string		Referee's first name. Required for the Scoreboards, should be mandatory when the information is known.
REF	Xs:string		Used for references to referees
Role	Xs:string		Role of the referee referred by a poule or a match. If the attribute is omitted, the principal role is assumed.

			<p>3 possible values :</p> <ul style="list-style-type: none"> • P for main referee (principal) • A for assistant • V for video <p>Required for the Scoreboards, should be mandatory when the information is known.</p>
Sexe	Xs:string		<p>Gender code of the (M = Masculine et F = Feminine). Required for the Scoreboards, should be mandatory when the information is known.</p>

6.2.17 PISTES

Pistes are not listed at the competition level. They are mentioned at the Poule level, the match level.

Pistes are identified either by their number or by any symbol such as ROUGE, VERTE, BLEUE, JAUNE, PODIUM ...

6.3 ENUMERATED VALUES

6.3.1 STATUS OF TIREUR

Inside a match a Tireur may have the following one letter status:

- A for abandon
- E for exclusion
- F for forfait
- V for victory
- D for defeat

In a TourDePoules a Tireur may have the status:

- Q for Qualified
- X for exempted at the end of the TourDePoules
- N for non qualified
- A for abandon
- E for exclusion
- F for forfait

6.3.2 WEAPONS

Weapons (Arme attribute) may have the following values:

- E for Epee
- F for foil
- S for sabre
- X for mixed

6.3.3 COMPETITION CATEGORIES

Competition categories values are not a closed list, because they might reflect national categories not listed here. FIE competition categories may have the following values:

- V for veteran
- S for senior
- J for junior
- C for cadet (C with ascii code 67 and not C with Unicode U+0421)

Some fencing softwares might implement additional categories such as:

- U23
- U20 (equivalent to Junior)
- U17 (equivalent to Cadet)
- U14
- U11
- U10
- M15, M13, M11 ...
- A for any
- Etc.

6.3.4 GENDER

A competition gender may be

- F for feminine
- M for masculine
- X for mixed (no constraint)

6.3.5 COMPETITION DOMAIN

A competition domain may be (same as original document):

- I for international
- N for national

- R for regional
- L for league
- C for club
- Z for zonal

-END-