



INTERFACE MASTER DATA

Data exchange of athletes, clubs and associations

INTERFACE DESCRIPTION

All athletes, clubs and associations will be exchanged between the existing software solutions from SELTEC, LADV and it4Sport. All regions will have access to all master data via their software solution.

Udo Laub

29.02.2024

Table of Contents

Versions.....	3
General explanations.....	3
Basics	4
Person	4
Districts, counties, regional associations	4
Club names	4
Regional associations	4
Master systems of the regional associations	5
Age groups	5
Year of birth / date of birth.....	6
Districts / counties (organizational structure of the regional association)	6
Dates	6
Open points	7
Turn of the year	7
Changes to association structures	7
Conflicts	7
Change of club across regional association borders.....	7
Data retrieval	7
Data format	7
Leading club for starting communities	7
Query types	7
Parameter	8
Authorization	8
HTTP status codes / errors.....	8
The xml structure.....	9
Persons / athletes	9
Clubs	11
Description of the xml fields (format / content).....	14
Xml examples	19
People / athletes	19
Clubs	20
Districts and counties	23
Change of starting right (license)	24
Change of clubs	24
TABLE 1: LIST OF REGIONAL ASSOCIATIONS	5
TABLE 2: LIST OF AGE GROUPS	6
TABLE 3: EXTRACT FROM THE XSD (PERSON).....	11
TABLE 4: EXTRACT FROM THE XSD (LICENSE)	11

TABLE 5: EXTRACT FROM THE XSD (CLUB)	13
TABLE 6: EXTRACT FROM THE XSD (MEMBERCLUBS)	13

Versions

Version	Date	Author	comment
1.06	01.12.2017	Udo Laub	Replaces dl_v_transfer_Fremdsystem-V1.05.pdf.
1.07	10.02.2018	Udo Laub	Fixed inconsistencies between XML and XSD. Call-offs for BDT and SQD deleted.
1.08	24.07.2018	Udo Laub	Adaptation XSD person / athlete.
2.00	08.08.2019	Udo Laub	Fundamental revision together with it4Sport, SELTEC and LADV. The changes are not identified.
2.01	16.10.2019	Udo Laub	Simplifications. More precise definitions
2.02	29.10.2019	Udo Laub	The starting right number is defined like clubs etc. Inclusion of the master system table
2.03	14.11.2019	Udo Laub	Sharpening which data is to be transferred. Transfer of the districts / districts in the interface
2.04	20.11.2019	Udo Laub	Adaptation of the master system table
2.05	15.05.2020	Udo Laub	Identification of non-association organizations, handling of the association name
2.06	15.06.2020	Udo Laub	There are no inactive licenses. Do not use LicenseInactiveStart and LicenseInactiveEnd anymore
2.07	09.09.2021	Udo Laub	Mail adress of the invoice receiver added (Clubs). The athlete starts international for a different nation. Added the legal name according to the passport (Athletes)
2.08	29.09.2022	Udo Laub	New field leading club MainClubID for starting communities
2.09	29.02.2024	Udo Laub	Correction API Examples. Update Regional Master data systems

Annotation:

The changes made are, until a new version is created, colored marked and / or marked (NEW).

General explanations

The aim is to make all master data of German Athletics available to all regional associations and to the German Athletics Association, regardless of which software solution is used for master data management.

Data sovereignty lies with the regional associations. Those determine in which system their data is maintained. This is referred to below as the master system (leading system). The data can be logged from this master system and retrieved from the external systems. There can only be one master system per national association.

All master data of German Athletics is available in Phoenix II (German Athletics master system).

When requested Phoenix II, LADV or la.net must provide all information maintained in their system.

When LADV or la.net calls data from a master system, only the data necessary for the competition is transferred. For example, club number and club name, but no bank details, address data, etc. For example, athletes only give the year of birth and not the date of birth. We are talking about "reduced mode" here.

Basics

Person

Every person and every club have a unique identification (ID) in their national association or in its master system. A guid (Class 4) should be used. There should not be any collisions with the amount of person data. If so, manual intervention is required.

These IDs will be used in the future to synchronize data with the master system.

Districts, counties, regional associations

Each element within the regional structure, ie district, county, club, is administered by the respective regional association in its master system. There the element (district, county, club) has a unique ID.

The IDs are assigned by the master system within a specified number range. The IDs for districts, counties and clubs must not overlap.

The IDs are alphanumeric and 9-digit (XXnnnnnnn). The first two digits are the StateID (XX) of the respective regional association (see Table 1: List of regional associations). This is followed by 7 numbers ($n \in \{0,1, \dots 9\}$)

Example:

BA0000205 (Regional association Baden: Club SG Walldorf Astoria 1902)

Club names

The fields Name, ShortName are for sports operations. The Name field is mandatory. If there is a different legal name, e.g. with the ending e.V., this will be transferred to the InvoiceName field.

The clubs are identified in the ClubType field. There are the following versions:

- CLUB Member association
- LG Athletics community
- STG Starting community
- ORG Organization outside the association

Regional associations

The national associations are identified with the help of a unique StateID.

StateID	StateNameDE
BA	Badischer Leichtathletik-Verband
BY	Bayerischer Leichtathletik-Verband
BE	Berliner Leichtathletik-Verband
BB	Leichtathletik-Verband Brandenburg
BR	Bremer Leichtathletik-Verband
HH	Hamburger Leichtathletik-Verband
HE	Hessischer Leichtathletik-Verband
MV	Leichtathletik-Verband Mecklenburg-Vorpommern
NI	Niedersächsischer Leichtathletik-Verband
NO	Leichtathletik-Verband Nordrhein
PF	Leichtathletikverband Pfalz
RH	Leichtathletik-Verband Rheinhessen
RL	Leichtathletik-Verband Rheinland

StateID	StateNameDE
SL	Saarländischer Leichtathletik Bund
SN	Leichtathletik-Verband Sachsen
ST	Leichtathletikverband Sachsen-Anhalt
SH	Schleswig-Holsteinischer Leichtathletik-Verband
TH	Thüringer Leichtathletik-Verband
WE	Fußball- und Leichtathletik-Verband Westfalen
WÜ	Württembergischer Leichtathletik-Verband

table 1: List of regional associations

Master systems of the regional associations

As of: January 1st 2021, the regional associations have the following master systems for their master data.

StateID	StateNameDE	Master system	Others
BA	Badischer Leichtathletik-Verband	LADV	Phoenix II
BY	Bayerischer Leichtathletik-Verband	LADV	
BE	Berliner Leichtathletik-Verband	LADV	Phoenix II
BB	Leichtathletik-Verband Brandenburg	LADV	Phoenix II
BR	Bremer Leichtathletik-Verband	Phoenix II	
HH	Hamburger Leichtathletik-Verband	LADV	
HE	Hessischer Leichtathletik-Verband	Phoenix II	
MV	Leichtathletik-Verband Mecklenburg-Vorpommern	LADV	Phoenix II
NI	Niedersächsischer Leichtathletik-Verband	Phoenix II	
NO	Leichtathletik-Verband Nordrhein	Phoenix II	
PF	Leichtathletikverband Pfalz	LA.Net 3	
RH	Leichtathletik-Verband Rheinhessen	LA.Net 3	
RL	Leichtathletik-Verband Rheinland	LADV	
SL	Saarländischer Leichtathletik Bund	LADV	
SN	Leichtathletik-Verband Sachsen	Phoenix II	
ST	Leichtathletikverband Sachsen-Anhalt	LADV	
SH	Schleswig-Holsteinischer Leichtathletik-Verband	LADV	
TH	Thüringer Leichtathletik-Verband	LADV	
WE	Fußball- und Leichtathletik-Verband Westfalen	LA.Net 3	
WÜ	Württembergischer Leichtathletik-Verband	Phoenix II	
DLV	Deutscher Leichtathletikverband	Phoenix II	

table 2: List of master systems (master data)

Age groups

Age groups are required for the formation of athletics communities (LG) and starting communities (StG). The identification takes place via the AgeGroupCode.

AgeGroupCode	AgeGroupNameDE	AgeGroupNameEN
Constants for athletics communities (LG)		
ACTIVEU20U18	Männer, Frauen und Jugend U20, U18	Men, women and youth U20, U18
U16U14	Jugend U16 und U14	Youth U16 and U14
Constants for starting communities (StG)		

AgeGroupCode	AgeGroupNameDE	AgeGroupNameEN
U16U14W	Weibliche U16/U14	Female U16 / U14
U20U18W	Weibliche U20/U18	Female U20 / U18
AKTIVEW	Frauen/Juniorinnen	Women / Juniors
U16U14M	Männliche U16/U14	Male U16 / U14
U20U18M	Männliche U20/U18	Male U20 / U18
AKTIVE	Männer/Junioren	Men / juniors
SENIORENW	Seniorinnen	Master women
SENIORENM	Senioren	Master men
U12	Kinder U12	Children under 12
U10	Kinder U10	Children under 10
U8	Kinder U8	Children under 8

table 3: List of age groups

Year of birth / date of birth

The 4-digit year of birth of the athlete is always given. The date of birth can optionally be given.

For competitions in Germany, it is sufficient to state the year of birth to determine the age group.

The date of birth is required for international competitions. In addition, the regional association also needs the date of birth for honors and for determining the age of majority.

Districts / counties (organizational structure of the regional association)

It is not mandatory that a regional association is structured in counties and / or districts. A regional association can also organize clubs according to regions.

Two hierarchical levels are possible above clubs and below the regional association.

A regional association has either only clubs, clubs in districts or counties, clubs in districts which are in turn grouped together in counties.

In the interface, counties and districts are therefore marked as optional. Nevertheless, all hierarchy levels must be specified in the interface. This helps, among other things, to find errors.

In the case of the districts the higher-level counties, if available, must also be transferred.

<District

ID="BY0001001"

StateID="BA"

CountyID="BY0000100"

...

The district and county information must be set together with the clubs, if available.

<Club

ID="BY0009011"

DistrictID=" BY0001001"

CountyID=" BY0000100"

StateCode="BY"

Dates

There is a start and end date for clubs, counties and districts. Since it is not always known how long, for example, a club has been a member of the associated association, the field (here ClubDateStart) was marked as optional. If known, the date must be given. This applies to all organizational units. If a club, district, county starting community, etc. is canceled, the end date must be given (e.g. the ClubDateEnd at the club).

In the case of persons, starting rights (licenses), clubs, districts, counties and the regional association, the date of change must always be transferred (LastUpdated field).

The change date is set when a new data record is created or one of the fields in the interface structure is changed. Regardless of whether the field is transferred or not ("reduced mode").

An athlete has the right to start or has no right to start. There are no inactive start rights in this sense. Therefore, the fields LicenseInactiveStart and LicenseInactiveEnd should no longer be used.

Open points

There are some special cases or open points that still need to be discussed in detail.

Turn of the year

How does a system recognize in the athlete and / or club file that all changes from the changeover period have been considered? This information is particularly necessary in December.

Changes to association structures

- Districts merge, districts emerge ...
In the case of restructuring (e.g. districts), the end date must be set for the existing district and the start date for the new district.
- Change of club numbers

Conflicts

Duplicate athlete numbers.

Change of club across regional association borders

In the future, when changing clubs, the GUID should also be transferred from the transferring system to the receiving master system. The unique PersonID is only assigned once when a person is created.

Data retrieval

Description of how master data is exchanged between systems. Two endpoints are made available for the athlete's data (**athletes**) and clubs, districts, counties data (**clubs**).

Both endpoints support two types of queries:

- Changes in the last X days
- complete master data for the current year + changes after the turn of the year

Data format

The data format and the XSD files **Clubs.xsd** and **Athletes.xsd** are used.

Leading club for starting communities

In a starting community (Club Type „STG“) one out of a maximum three clubs is the leading club. The field **MainClubID** must be filled with the leading club ID. This field is used to automatically send invoices to the leading club i.e for relay events. Starting communities are no clubs and therefore cannot be an invoice receiver.

The field is optional, as it is not used for other club types.

Query types

The endpoints for athletes and clubs provide two types of queries:

- Changes in the last X days (Mode = delta, $X \leq 100$)

- complete master data for the current year + changes after the turn of the year. I.e. start licenses from 1.1. until 2.1. <next year>. (Mode = full)

The parameter **changedSince** controls w

hether only changes are queried (changedSince set) or whether the complete master data is provided (changedSince is not used).

The data for the full comparison do not have to be created "live" but must not be older than 24 hours.

Examples:

Athletes, Region Nordrhein

<https://api.it4sport.de/dlv/api/athletes?stateId=NO>

Clubs, Region Nordrhein

<https://api.it4sport.de/dlv/api/clubs?stateId=NO>

Parameter

1. **stateId** (mandatory) - regional association
2. **changedSince** (Optional) - controls whether changes from the last few days or complete data are provided.

Authorization

The authorization of requests takes place via a PSK procedure in the form of tokens. A valid token must be transmitted with each request using the X-Auth-Token header field. Requests without a valid token are rejected with HTTP 403.

HTTP status codes / errors

Success and failure are indicated by standard HTTP status codes:

- HTTP 200: The request was successful
- HTTP 400: The request message was incorrectly structured.
- HTTP 403: The request was not carried out because the client was not authorized.
- HTTP 404: The requested resource was not found or is not available.
- HTTP 500: Server Error.

The xml structure

Persons / athletes

```
<?xml version="1.0" encoding="UTF-8"?>
<StateData>
  <Request>
    <Mastersystem> </Mastersystem>
    <Created></Created>
    <DateCUPStart></DateCUPStart>
    <DateCUPEnd></DateCUPEnd>
  </Request>
  <Persons>
    <Person
      PersonID=""
      FirstName=""
      LastName=""
      LegalFirstName=""
      LegalLastName=""
      Gender=""
      Yearofbirth=""
      Birthdate=""
      FirstNationality=""
      SecondNationality=""
      Title=""
      IsActive=""
      ContactStreet=""
      ContactAdditional=""
      ContactZipCode=""
      ContactCity=""
      ContactCountry=""
      ContactPhone=""
      ContactMobile=""
      ContactFax=""
      ContactEmail=""
      ContactBusinessStreet=""
      ContactBusinessAdditional=""
      ContactBusinessZipCode=""
      ContactBusinessCity=""
      ContactBusinessCountry=""
      ContactBusinessPhone=""
      ContactBusinessMobile=""
      ContactBusinessFax=""
      ContactBusinessEmail=""
      ClubID=""
      LastUpdated="">
    </Licenses>
```

```

<License
  LicenseNumber=" "
  LicenseClubID=""
  LicenseStart=""
  LicenseEnd=""
  Nationality=""
  LicenseLockStart=""
  LicenseLockEnd=""
  LicenseInactiveStart=""      'Nicht mehr verwenden!
  LicenseInactiveEnd=""      'Nicht mehr verwenden!
  HomeClubID=""
  LastUpdated="">
</License>
</Licenses>
</Persons>
</StateData>

```

@name	@name	@type	@use
Person	PersonID	GUID	required
Person	FirstName	String50Input	required
Person	LastName	String50Input	required
Person	LegalFirstName	String50Input	optional
Person	LegalLastName	String50Input	optional
Person	Gender	EnumGender	required
Person	Yearofbirth	xs: integer	required
Person	Birthdate	xs: date	optional
Person	FirstNationality	CountryCode	required
Person	SecondNationality	CountryCode	optional
Person	Title	String50Data	optional
Person	IsActive	NullOrZeroOne	required
Person	ContactStreet	String50Data	optional
Person	ContactAdditional	String50Data	optional
Person	ContactZipCode	String30Data	optional
Person	ContactCity	String50Data	optional
Person	ContactCountry	String50Data	optional
Person	ContactPhone	String50Data	optional
Person	ContactMobile	String50Data	optional
Person	ContactFax	String50Data	optional
Person	ContactEmail	EmailAddress	optional
Person	ContactBusinessStreet	String50Data	optional
Person	ContactBusinessAdditional	String50Data	optional
Person	ContactBusinessZipCode	String30Data	optional
Person	ContactBusinessCity	String50Data	optional
Person	ContactBusinessCountry	String50Data	optional
Person	ContactBusinessPhone	String50Data	optional
Person	ContactBusinessMobile	String50Data	optional

@name	@name	@type	@use
Person	ContactBusinessFax	String50Data	optional
Person	ContactBusinessEmail	EmailAddress	optional
Person	ClubID	MasterID	required
Person	LastUpdated	SQLDateTime	required

table 4: Extract from the xsd (person)

@name	@name	@type	@use
License	LicenseNumber	MasterID	required
License	LicenseClubID	MasterID	required
License	LicenseStart	xs: date	required
License	LicenseEnd	SQLDate	optional
License	Nationality	CountryCode	optional
License	LicenseLockStart	SQLDate	optional
License	LicenseLockEnd	SQLDate	optional
License	LicenseInactiveStart	SQLDate	optional
License	LicenseInactiveEnd	SQLDate	optional
License	HomeClubID	MasterID	required
License	LastUpdated	NullOrSQLDateTime	required

table 5: Extract from the xsd (License)

Clubs

```
<?xml version="1.0" encoding="UTF-8"?>
<StateData>
  <Request>
    <Mastersystem> </Mastersystem>
    <Created></Created>
    <DateCUSTart></DateCUSTart>
    <DateCUEnd></DateCUEnd>
    <Mode></Mode>
  </Request>
  <Clubs>
    <Club ID=""
    MainClubID=""
    DistrictID=""
    CountyID=""
    StateID=""
    Type=""
    Name=""
    City=" "
    ShortName=" "
    BankAccountIBAN=""
    BankAccountSWIFT=""
    TotalUsers=""
    ContactName=""
    ContactStreet=""
```

```

ContactAdditional=""
ContactZipCode=""
ContactCity=""
ContactPhone=""
ContactEmail=""
ContactWeb=""
InvoiceName=""
InvoiceStreet=""
InvoiceAdditional=""
InvoiceZipCode=""
InvoiceCity=""
InvoiceEmail=""
ClubDateStart=""
ClubDateEnd=""
LastUpdated="">
<MemberClubs>
  <Club ID=""
    Name=" "
    MemberDateStart=""
    MemberDateEnd="">
    MemberAgeGroups="">

  </Club>
  <Club ID=""
    Name=" "
    MemberDateStart=""
    MemberDateEnd="">
    MemberAgeGroups="">
  </Club>
</MemberClubs>
</Club>
</Clubs>
</StateData>

```

@name	@name	@type	@use
Club	ID	MasterID	required
Club	MainClubID	MasterID	optional
Club	DistrictID	MasterID	optional
Club	CountyID	MasterID	optional
Club	StateID	StateID	required
Club	Type	ClubType	required
Club	Name	String200Data	required
Club	City	String50Data	optional
Club	ShortName	String30Data	optional
Club	BankAccountIBAN	String34Data	optional
Club	BankAccountSWIFT	String11Data	optional

@name	@name	@type	@use
Club	TotalUsers	Integer	optional
Club	ContactName	String200Data	optional
Club	ContactStreet	String200Data	optional
Club	ContactAdditional	String200Data	optional
Club	ContactZipCode	String5Data	optional
Club	ContactCity	String200Data	optional
Club	ContactPhone	String20Data	optional
Club	ContactEmail	EmailAddress	optional
Club	ContactWeb	String200Data	optional
Club	InvoiceName	String200Data	optional
Club	InvoiceStreet	String200Data	optional
Club	InvoiceAdditional	String200Data	optional
Club	InvoiceZipCode	String5Data	optional
Club	InvoiceCity	String200Data	optional
Club	InvoiceEmail	EmailAddress	optional
Club	ClubDateStart	SQLDate	optional
Club	ClubDateEnd	SQLDate	optional
Club	LastUpdated	NullOrSQLDateTime	required

table 6: Extract from the xsd (club)

@name	@name	@name	@type	@use
MemberClubs	Club	ID	MasterID	required
MemberClubs	Club	Name	String200Data	required
MemberClubs	Club	MemberDateStart	SQLDate	optional
MemberClubs	Club	MemberDateEnd	SQLDate	optional
MemberClubs	Club	MemberAgeGroups	xs: string	optional

table 7: Excerpt from the xsd (MemberClubs)

Description of the xml fields (format / content)

<StateData>	Start tag without content
<Request>	Start tag without content
<Master system>	System in which the regional association maintains its data (Phoenix II, LADV, LA.net2)
<DateCUSTart>	Period from
<DateCUEnd>	period to
<Mode>	full = all data for the current and next year are available delta = only the changes between DateCUSTart and DateCUEnd are included (maximum 100 days)
<Created>	Time stamp in the format YYYY-MM-DD hh: mm: ss When was the file created?
<AgeGroups>	Start tag without content
<AgeGroup	Age group
Name = ""	Name of the age group (see AgeGroupNameDE field in table 3: List of age groups)
Code = ""	Letter code (see AgeGroupCode field in table 3: List of age groups)
Gender = ""	Gender (M = male, F = female, X = mixed)
Remark = ""	String
<States>	Start tag without content
<State	Regional association
ID = ""	Letterscode (2 digits) (see StateID field in table 1: List of regional associations)
Name = ""	String (regional association ame) (see StateNameDE field in table 1: List of regional associations)
vatID = ""	String (VAT number)
BankAccountIBAN = ""	String (IBAN Code Bank)
BankAccountSWIFT = ""	String (BIC code of the bank)
ContactName = ""	String Contact address
ContactStreet = ""	String
ContactAdditional = ""	String
ContactZipCode = ""	Number (usually 5 digits)
ContactCity = ""	String
ContactPhone = ""	String
ContactEmail = ""	String
ContactWeb = ""	String
InvoiceName = ""	String Billing address
InvoiceStreet = ""	String
InvoiceAdditional = ""	String
InvoiceZipCode = ""	Number (usually 5 digits)
InvoiceCity = ""	String
InvoiceEmail = ""	String
LastUpdated = ""	Date (YYYY-MM-DD hh: mm: ss)

<Counties>	Start tag without content
<County	county
ID = ""	String 9 digits (XXnnnnnnnn)
StatelD = ""	Letter code (2 digits) (see StatelD field in table 1: List of regional associations)
Name = ""	String
vatID = ""	String (sales tax number)
BankAccountIBAN = ""	String (IBAN Code Bank)
BankAccountSWIFT = ""	String (BIC code of the bank)
ContactName = ""	String Contact address
ContactStreet = ""	String
ContactAdditional = ""	String
ContactZipCode = ""	Number (usually 5 digits)
ContactCity = ""	String
ContactPhone = ""	String
ContactEmail = ""	String
ContactWeb = ""	String
InvoiceName = ""	String Billing address
InvoiceStreet = ""	String
InvoiceAdditional = ""	String
InvoiceZipCode = ""	Number (usually 5 digits)
InvoiceCity = ""	String
InvoiceEmail=""	String
CountyDateStart = ""	Date (YYYY-MM-DD)
CountyDateEnd = ""	Date (YYYY-MM-DD)
LastUpdated = ""	Date (YYYY-MM-DD hh: mm: ss)
<Districts>	Start day without content
<District	district
ID = ""	String 9 digits (XXnnnnnnnn)
StatelD = ""	Letter code (2 digits) (see StatelD field in table 1: List of regional associations)
CountyID = ""	String 9 digits (XXnnnnnnnn)
Name = ""	String
vatID = ""	String (VAT number)
BankAccountIBAN = ""	String (IBAN Code Bank)
BankAccountSWIFT = ""	String (BIC code of the bank)
ContactName = ""	String Contact address
ContactStreet = ""	String
ContactAdditional = ""	String
ContactZipCode = ""	Number (usually 5 digits)
ContactCity = ""	String
ContactPhone = ""	String
ContactEmail = ""	String
ContactWeb = ""	String
InvoiceName = ""	String Billing address

InvoiceStreet = ""	String
InvoiceAdditional = ""	String
InvoiceZipCode = ""	Number (usually 5 digits)
InvoiceCity = ""	String
InvoiceEmail=""	String
DistrictDateStart = ""	Date (YYYY-MM-DD)
DistrictDateEnd = ""	Date (YYYY-MM-DD)
LastUpdated = ""	Date (YYYY-MM-DD hh: mm: ss)
<Clubs>	Start tag without content
<Club	club
ID = ""	String 9 digits (XXnnnnnnnn)
MainClubID = ""	String 9 digits (XXnnnnnnnn)
DistrictID = ""	String 9 digits (XXnnnnnnnn)
CountyID = ""	String 9 digits (XXnnnnnnnn)
StateID = ""	Letter code (2 digits) (see StateID field in table 1: List of regional associations)
Type = ""	Club, LG, ORG or STG
Name = ""	String (club name for sports operations)
City = ""	String (Part of the club name that determines the location)
ShortName = ""	String (Short name of the club for sports operations)
BankAccountIBAN = ""	String (IBAN Code Bank)
BankAccountSWIFT = ""	String (BIC code of the bank)
TotalUsers = ""	number
ContactName = ""	String Contact address
ContactStreet = ""	String
ContactAdditional = ""	String
ContactZipCode = ""	Number (usually 5 digits)
ContactCity = ""	String
ContactPhone = ""	String
ContactEmail = ""	String
ContactWeb = ""	String
InvoiceName = ""	String Legal name (possibly with an eV at the end)
InvoiceStreet = ""	String Billing address
InvoiceAdditional = ""	String
InvoiceZipCode = ""	Number (usually 5 digits)
InvoiceCity = ""	String
InvoiceEmail=""	String
ClubDateStart = ""	Date (YYYY-MM-DD)
ClubDateEnd = ""	Date (YYYY-MM-DD)
LastUpdated = ""	Date (YYYY-MM-DD hh: mm: ss)
<MemberClubs>	Start day without content
<Club	Member associations (StG (max. 3 associations) or LG)
ID = ""	String 9 digits (XXnnnnnnnn)
Name = ""	String

MemberDateStart = ""	Date (YYYY-MM-DD)
MemberDateEnd = ""	Date (YYYY-MM-DD)
MemberAgeGroups	Age groups (separated by SPACE) (see AgeGroupCode field in table 3: List of age groups)
<Persons>	Start tag without content
<Person	person
ID = ""	Guid (class 4)
FirstName = ""	String
LastName = ""	String
LegalFirstName=""	String
LegalLastName=""	String
Gender = ""	String (M = male, F = female)
Yearofbirth = ""	Year of birth 4 digits (YYYY)
Birthdate = ""	Date (YYYY-MM-DD)
FirstNationality = ""	3 letter code
SecondNationality = ""	3 letter code
Title = ""	String
IsActive = ""	1 = active; 0 = inactive
ContactStreet = ""	String Contact address
ContactAdditional = ""	String
ContactZipCode = ""	String (number possibly with letters, e.g. GBR)
ContactCity = ""	String
ContactCountry = ""	3 letter code
ContactPhone = ""	String
ContactMobile = ""	String
ContactFax = ""	String
ContactEmail = ""	String
ContactBusinessStreet = ""	String
ContactBusinessAdditional = ""	String
ContactBusinessZipCode = ""	String (number possibly with letters, e.g. GBR)
ContactBusinessCity = ""	String
ContactBusinessCountry = ""	3 letter code
ContactBusinessPhone = ""	String
ContactBusinessMobile = ""	String
ContactBusinessFax = ""	String
ContactBusinessEmail = ""	String
ClubID = ""	String (ClubID of the parent club)
LastUpdated = ""	Date (YYYY-MM-DD hh: mm: ss)
<Licenses>	Start day without content
<License>	License
LicenseNumber = ""	String (2 letters LV code, unique 7-digit number)
LicenseClubID = ""	String (ClubID of the licensing association)
LicenseStart = ""	Date (YYYY-MM-DD) (Start right)
LicenseEnd = ""	Date (YYYY-MM-DD) (End of start right)
Nationality=""	Internationales Startrecht

Interface description: master data



LicenseLockStart = ""	Date (YYYY-MM-DD) (blocked by)
LicenseLockEnd = ""	Date (YYYY-MM-DD) (blocked until)
LicenseInactiveStart = ""	Date (YYYY-MM-DD) (inactive since) "Do not use anymore!"
LicenseInactiveEnd = ""	Date (YYYY-MM-DD) (inactive until) "Do not use anymore!"
HomeClubID = ""	String (ClubID of the parent club)
LastUpdated = ""	Date (YYYY-MM-DD hh: mm: ss)

Xml examples

People / athletes

```
<?xml version="1.0" encoding="UTF-8"?>
<StateData>
  <Request>
    <Mastersystem>Phoenix II</Mastersystem>
    <Created>2017-11-18 22:20:10</Created>
    <DateCUStart>2017-12-01</DateCUStart>
    <DateCUEnd>2017-12-31</DateCUEnd>
    <Mode>delta</Mode>
  </Request>
  <Persons>
    <Person
      PersonID="123e4567-e89b-12d3-a456-426655440000"
      FirstName="Udo"
      LastName="Laub"
      LegalFirstName="Udo Karl Heinz"
      LegalLastName="Laub"
      Gender="M"
      Yearofbirth="1988"
      Birthdate="1988-09-02"
      FirstNationality="GER"
      SecondNationality=""
      Title=""
      IsActive="1"
      ContactStreet="Im Staden 10"
      ContactAdditional=""
      ContactZipCode="55743"
      ContactCity="Idar-Oberstein"
      ContactCountry="GER"
      ContactPhone=""
      ContactMobile=""
      ContactFax=""
      ContactEmail=""
      ContactBusinessStreet=""
      ContactBusinessAdditional=""
      ContactBusinessZipCode=""
      ContactBusinessCity=""
      ContactBusinessCountry=""
      ContactBusinessPhone=""
      ContactBusinessMobile=""
      ContactBusinessFax=""
      ContactBusinessEmail=""
      ClubID="RL0000990"
      LastUpdated="2017-08-01 21:51:38">
    </Person>
  </Persons>
  <Licenses>
    <License
      LicenseNumber="RL114452"
      LicenseClubID="RL0009011"
      LicenseStart="2009-01-07"
      LicenseEnd=""
      Nationality="USA"
      LicenseLockStart=""
      LicenseLockEnd=""
      LicenseInactiveStart=""
    </License>
  </Licenses>
</StateData>
```

```
LicenseInactiveEnd=""
HomeClubID="RL0000990"
LastUpdated="2017-08-01 21:51:38">
</License>
</Licenses>
</Person>
</Persons>
</StateData>
```

Clubs

```
<?xml version="1.0" encoding="UTF-8"?>
<StateData>
  <Request>
    <Mastersystem>Phoenix II</Matsresystem>
    <Created>2017-11-18 22:11:15</Created>
    <DateCUStart>2017-12-01</DateCUStart>
    <DateCUEnd>2017-12-31</DateCUEnd>
    <Mode>delta</Mode>
  </Request>
  <Clubs>
    <Club
      ID="RL00009011"
      DistrictID=""
      CountyID=""
      StateCode="RL"
      Type="LG"
      Name="LG Idar-Oberstein"
      City="Idar-Oberstein"
      ShortName="Idar-Oberstein"
      BankAccountIBAN=""
      BankAccountSWIFT=""
      TotalUsers=""
      ContactName=""
      ContactStreet=""
      ContactAdditional=""
      ContactZipCode=""
      ContactCity=""
      ContactPhone=""
      ContactEmail=""
      ContactWeb=""
      InvoiceName=""
      InvoiceStreet=""
      InvoiceAdditional=""
      InvoiceZipCode=""
      InvoiceCity=""
      InvoiceEmail=""
      ClubDateStart=""
      ClubDateEnd=""
      LastUpdated="2017-12-13 13:17:38">
    <MemberClubs>
      <Club
        ID="RL0000990"
        Name="SSV Gymnasium Heinzenwies"
        MemberDateStart=""
        MemberDateEnd="">
        MemberAgeGroups="AKTIVEU20U18 U16U14"
```

Interface description: master data

```
<Club
  ID="RL0000699"
  Name="TuS Tiefenstein"
  MemberDateStart=""
  MemberDateEnd=""
  MemberAgeGroups=" AKTIVEU20U18 U16U14"></Club>
</MemberClubs>
</Club>
```

```
<Club
  ID="RL0000990"
  DistrictID="130301"
  CountyID=""
  StateID="RL"
  Type="Club"
  Name="SSV Gymnasium Heinzenwies"
  City="Heinzenwies"
  ShortName="SSV Gym. Heinzenwies"
  BankAccountIBAN=""
  BankAccountSWIFT=""
  TotalUsers="2"
  ContactName="Udo Laub"
  ContactStreet="Gartenstraße 7"
  ContactAdditional=""
  ContactZipCode="55758"
  ContactCity="Mackenrodt"
  ContactPhone=""
  ContactEmail=" "
  ContactWeb="http://www.lg-idar-oberstein.de/"
  InvoiceName="Joachim Roll"
  InvoiceStreet="Gartenstraße 7"
  InvoiceAdditional=""
  InvoiceZipCode="55758"
  InvoiceCity="Mackenrodt"
  InvoiceEmail="max.mustermann@test.de"
  ClubDateStart=""
  ClubDateEnd=""
  LastUpdated="2017-12-28 14:07:13">
</Club>
```

```
<Club
  ID="RL0999657"
  MainClubID=" RL0000062"
  DistrictID=""
  CountyID=""
  StateCode="RL"
  Type="STG"
  Name="StG Burgbrohl/Algenrodt"
  City="Burgbrohl/Algenrodt"
  ShortName="StG Burgb.l./Algenrodt"
  BankAccountIBAN=""
  BankAccountSWIFT=""
  TotalUsers=""
  ContactName="Achim Barsch"
  ContactStreet="Rheinau 11"
  ContactAdditional="info@LVRheinland.de"
```

Interface description: master data



```
ContactZipCode="56075"
ContactCity="Koblenz"
ContactPhone="0999-123456"
ContactEmail="lvrheinland-als-lv@dlv-event.de"
ContactWeb="www.lvrheinland.de"
ClubDateStart=""
ClubDateEnd=""
LastUpdated="2017-03-09 13:53:01">
<MemberClubs>
  <Club
    ID="RL0000062"
    Name="SpVgg 04/13 Burgbrohl"
    MemberDateStart=""
    MemberDateEnd=""
    MemberAgeGroups= SENIORENW"></Club>
  <Club
    ID="RL0000017"
    Name="VfL Algenrodt"
    MemberDateStart=""
    MemberDateEnd=""
    MemberAgeGroups= SENIORENW"></Club>
</MemberClubs>
</Club>
</Clubs>
</StateData>
```

Districts and counties

In addition to the associations, the districts and counties are also required. Both are accessed together with the clubs (Clubs.xsd).

<Counties> Basic data district (if available in the course)

```
<County
  ID="RL8130100"
  StateID="RL"
  Name="Altenkirchen/Rhein-Lahn/Westerwald"
  vatID=""
  BankAccountIBAN=""
  BankAccountSWIFT=""
  ContactName=""
  ContactStreet=""
  ContactAdditional=""
  ContactZipCode=""
  ContactCity=""
  ContactPhone=""
  ContactEmail="info@LVRheinland.de"
  ContactWeb=""
  InvoiceName=""
  InvoiceStreet=""
  InvoiceAdditional=""
  InvoiceZipCode=""
  InvoiceCity=""
  InvoiceEmail=""
  CountyDateStart=""
  CountyDateEnd=""
  LastUpdated="2017-12-26 17:44:52"/>
</County>
</Counties>
```

<Districts> Basic data circle (if available in the course)

```
<District
  ID="BA8010001"
  StateID="BA"
  CountyID=""
  Name="Kreis Bruchsal"
  vatID=""
  BankAccountIBAN=""
  BankAccountSWIFT=""
  ContactName="Bernhard Maus"
  ContactStreet="Ringelberghohl 15"
  ContactAdditional=""
  ContactZipCode="76229"
  ContactCity="Karlsruhe"
  ContactPhone="0721-205997 "
```



```
ContactEmail=" Sport@t-online.de"  
ContactWeb=""  
InvoiceName=""  
InvoiceStreet=""  
InvoiceAdditional=""  
InvoiceZipCode=""  
InvoiceCity=""  
InvoiceEmail=""  
DistrictDateStart=""  
DistrictDateEnd=""  
LastUpdated="2017-12-26 17:44:52"/>  
</District>  
</Districts>
```

Change of starting right (license)

Data retrieved on December 20th.

An athlete who changes clubs on January 1st of the following year

An athlete who changes clubs on December 31st.

An athlete who receives a new start right on January 1st of the next year

An athlete who receives a new license for a new club on January 1st of the next year.

xml example is still missing

Change of clubs

Data retrieved on December 20th. New club on January 1st. STGs / LGs: End / New / Change.