



AFED

FTP FEED

SPECIFICATIONS

AFRICAN FINANCIAL & ECONOMIC DATA (AFED)

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Table of Contents

Country Profile and Data Hub: Economic Data Feed Specifications	3
Data Hub: Key Interest Rates Feed Specifications	10
1. Database	10
2. Fields definition	11
3. Feed Files	12
Data Hub: Economic Calendar Feed Specifications (<i>release dates of original source data</i>)	13
1. Database	13
2. Feed Files	14
Contact Information.....	15

Country Profile and Data Hub: Economic Data Feed Specifications

Primary Key **PK**

Recursive **TAB**

Foreign **TAB**

Lookup **TAB**

PK + Foreign TAB

CAL (Value Calendar Type)

<i>Field Name</i>	<i>Data Type</i>	<i>Format</i>	<i>Max Width</i>	Key	<i>Field Description</i>
RecCD	Char	String	1	REC	Record Status Code
RecTM	Datetime	yyyy-mm-dd hh:mm:ss	19		Record Modified Date and Time
CalID	Integer	32 bit	10	PK	Value Identifier
CalName	Varchar	String	100		Short Calendar Type Description
CalDesc	Varchar	String	255		Longer Calendar Type Description
Q1month	TinyInt	8 bit	2		Quarter 1 Start Month Number
Q2month	TinyInt	8 bit	2		Quarter 2 Start Month Number
Q3month	TinyInt	8 bit	2		Quarter 3 Start Month Number
Q4month	TinyInt	8 bit	2		Quarter 4 Start Month Number
Startmonth	TinyInt	8 bit	2		Start Month Number???
Sort	SmallInt	16 bit	5		Record Sort order

CAT (Category)

<i>Field Name</i>	<i>Data Type</i>	<i>Format</i>	<i>Max Width</i>	Key	<i>Field Description</i>
RecCD	Char	String	1	REC	Record Status Code
RecTM	Datetime	yyyy-mm-dd hh:mm:ss	19		Record Modified Date and Time
CatID	Integer	32 bit	10	PK	Category Identifier
CatName	Varchar	String	100		Category Name
Sort	SmallInt	16 bit	5		Record Sort order

CCY (Currency)

<i>Field Name</i>	<i>Data Type</i>	<i>Format</i>	<i>Max Width</i>	Key	<i>Field Description</i>
RecCD	Char	String	1	REC	Record Status Code
RecTM	Datetime	yyyy-mm-dd hh:mm:ss	19		Record Modified Date and Time
CcyCD	Char	String	3	PK	ISO Standard 4217 Currency Code
CcyName	Varchar	String	100		Currency Name
Sort	SmallInt	16 bit	5		Record Sort order

CTS (Country Set)

<i>Field Name</i>	<i>Data Type</i>	<i>Format</i>	<i>Max Width</i>	Key	<i>Field Description</i>
RecCD	Char	String	1	REC	Record Status Code
RecTM	Datetime	yyyy-mm-dd hh:mm:ss	19		Record Modified Date and Time
CtsID	Integer	32 bit	10	PK	Country Set Identifier
GtyCD	Char	String	1	LTY	Geographical Type Code
CtsCD	Char	String	8	GEO	Country Set Code
CtyCD	Char	String	3	CTY	Country Code
Sort	SmallInt	16 bit	5		Record Sort order

CTY (Country)

<i>Field Name</i>	<i>Data Type</i>	<i>Format</i>	<i>Max Width</i>	Key	<i>Field Description</i>
RecCD	Char	String	1	REC	Record Status Code
RecTM	Datetime	yyyy-mm-dd hh:mm:ss	19		Record Modified Date and Time
CtyCD	Char	String	2	PK	ISO Standard 3166 Country Code
CtyName	Varchar	String	100		Country Name
GtyCD	Char	String	1	GTY	Geographical Type Code
LcuCD	Char	String	3	CCY	Local/Domestic Currency Unit
Sort	SmallInt	16 bit	5		Record Sort order

FRQ (Frequency of Value)

<i>Field Name</i>	<i>Data Type</i>	<i>Format</i>	<i>Max Width</i>	Key	<i>Field Description</i>
RecCD	Char	String	1	REC	Record Status Code
RecTM	Datetime	yyyy-mm-dd hh:mm:ss	19		Record Modified Date and Time
FrqID	Integer	32 bit	10	PK	Frequency Identifier
FrqName	Varchar	String	100		Frequency Name
Sort	SmallInt	16 bit	5		Record Sort order
ClientNote	Varchar	String	4000		Note to Client

GEO (Geographical Location)

<i>Field Name</i>	<i>Data Type</i>	<i>Format</i>	<i>Max Width</i>	Key	<i>Field Description</i>
RecCD	Char	String	1	REC	Record Status Code
RecTM	Datetime	yyyy-mm-dd hh:mm:ss	19		Record Modified Date and Time
rGeoID	Integer	32 bit	10	GEO	Root Geographical Identifier
pGeoID	Integer	32 bit	10	GEO	Parent Geographical Identifier
GeoID	Integer	32 bit	10	PK	Geographical Identifier
LocID	Integer	32 bit	10	LOC	Location Identifier
GtyCD	Char	String	1	GTY	Geographical Type Code
CtsCD	Char	String	8	CTS	Country Set Code
CtyCD	Char	String	2	CTY	Country Code
Sort	SmallInt	16 bit	5		Record Sort order
ClientNote	Varchar	String	4000		Note to Client

GRP (Group)

<i>Field Name</i>	<i>Data Type</i>	<i>Format</i>	<i>Max Width</i>	Key	<i>Field Description</i>
RecCD	Char	String	1	REC	Record Status Code
RecTM	Datetime	yyyy-mm-dd hh:mm:ss	19		Record Modified Date and Time
GrpCD	Char	String	1	PK	Group Code
GrpName	Varchar	String	100		Group Name
Sort	SmallInt	16 bit	5		Record Sort order

GTY (Geographical Type)

<i>Field Name</i>	<i>Data Type</i>	<i>Format</i>	<i>Max Width</i>	Key	<i>Field Description</i>
RecCD	Char	String	1	REC	Record Status Code
RecTM	Datetime	yyyy-mm-dd hh:mm:ss	19		Record Modified Date and Time
GtyCD	Char	String	1	PK	Geographical Type Code
GtyName	Varchar	String	100		Geographical Type Name
Sort	SmallInt	16 bit	5		Record Sort order

LOC (Location Name)

<i>Field Name</i>	<i>Data Type</i>	<i>Format</i>	<i>Max Width</i>	Key	<i>Field Description</i>
RecCD	Char	String	1	REC	Record Status Code
RecTM	Datetime	yyyy-mm-dd hh:mm:ss	19		Record Modified Date and Time
LocID	Integer	32 bit	10	PK	Location Identifier
LocName	Varchar	String	255		Location Name

LAB (Label Name of Topic, Sector or Indicator)

<i>Field Name</i>	<i>Data Type</i>	<i>Format</i>	<i>Max Width</i>	Key	<i>Field Description</i>
RecCD	Char	String	1	REC	Record Status Code
RecTM	Datetime	yyyy-mm-dd hh:mm:ss	19		Record Modified Date and Time
LabID	Integer	32 bit	10	PK	Label Identifier
LtyCD	Char	String	1		Label Type - Topic, Sector, Indicator
LabName	Varchar	String	100		Label Name
Sort	SmallInt	16 bit	5		Record Sort order

LTY (Label Type)

<i>Field Name</i>	<i>Data Type</i>	<i>Format</i>	<i>Max Width</i>	Key	<i>Field Description</i>
RecCD	Char	String	1	REC	Record Status Code
RecTM	Datetime	yyyy-mm-dd hh:mm:ss	19		Record Modified Date and Time
LtyCD	Char	String	1	PK	Label Type - Topic, Sector or Indicator
LtyName	Varchar	String	100		Label Type Name
Sort	SmallInt	16 bit	5		Record Sort order

ORF (Original File)

<i>Field Name</i>	<i>Data Type</i>	<i>Format</i>	<i>Max Width</i>	Key	<i>Field Description</i>
RecCD	Char	String	1	REC	Record Status Code
RecTM	Datetime	yyyy-mm-dd hh:mm:ss	19		Record Modified Date and Time
OrfID	Integer	32 bit	10	PK	Original File Identifier
OrfName	Varchar	String	100		Original File Name
SrcID	Integer	32 bit	10	SRC	Source Identifier
SubID	Integer	32 bit	10	SUB	Source Identifier
GeolD	Integer	32 bit	10	GEO	Geographical Identifier
PubDT	Date	yyyy-mm-dd	10		Publication Date

REC (Record Status)

<i>Field Name</i>	<i>Data Type</i>	<i>Format</i>	<i>Max Width</i>	Key	<i>Field Description</i>
RecCD	Char	String	1	REC	Record Status Code
RecTM	Datetime	yyyy-mm-dd hh:mm:ss	19		Record Modified Date and Time
RecCD	Char	String	1	PK	Record Status Code
RecName	Varchar	String	100		Record Status Name

SCA (Scale of Value)

<i>Field Name</i>	<i>Data Type</i>	<i>Format</i>	<i>Max Width</i>	Key	<i>Field Description</i>
RecCD	Char	String	1	REC	Record Status Code
RecTM	Datetime	yyyy-mm-dd hh:mm:ss	19		Record Modified Date and Time
ScaID	Integer	32 bit	10	PK	Scale of Value Identifier
ScaName	Varchar	String	100		Scale of Value Name
Sort	SmallInt	16 bit	5		Record Sort order
ClientNote	Varchar	String	4000		Note to Client

SET (Settings of Value - Unit, Scale and Base)

<i>Field Name</i>	<i>Data Type</i>	<i>Format</i>	<i>Max Width</i>	Key	<i>Field Description</i>
RecCD	Char	String	1	REC	Record Status Code
RecTM	Datetime	yyyy-mm-dd hh:mm:ss	19		Record Modified Date and Time
SetID	Integer	32 bit	10	PK	Value Settings Identifier
UntID	Integer	32 bit	10	UNT	Unit Record Identifier
ScaID	Integer	32 bit	10	SCA	Scale Record Identifier
Base	Varchar	String	100		Value Base

SRC (Source)

<i>Field Name</i>	<i>Data Type</i>	<i>Format</i>	<i>Max Width</i>	Key	<i>Field Description</i>
RecCD	Char	String	1	REC	Record Status Code
RecTM	Datetime	yyyy-mm-dd hh:mm:ss	19		Record Modified Date and Time
SrcID	Integer	32 bit	10	PK	Source Identifier
SrcName	Varchar	String	100		Source Name
CatID	Integer	32 bit	10	CAT	Source Category Identifier
GrpCD	Char	String	1	GRP	Group Code
SrcCD	Varchar	String	20		Source Code
Sort	SmallInt	16 bit	5		Record Sort order
ClientNote	Varchar	String	4000		Note to Client

SUB (Subsource)

<i>Field Name</i>	<i>Data Type</i>	<i>Format</i>	<i>Max Width</i>	Key	<i>Field Description</i>
RecCD	Char	String	1	REC	Record Status Code
RecTM	Datetime	yyyy-mm-dd hh:mm:ss	19		Record Modified Date and Time
SubID	Integer	32 bit	10	PK	Subsource Identifier
SubName	Varchar	String	100		Subsource Name
SrcID	Integer	32 bit	10	SRC	Source Identifier
SrcCD	Varchar	String	20		Source Code
Sort	SmallInt	16 bit	5		Record Sort order
ClientNote	Varchar	String	4000		Note to Client

TIN (Topic and Indicator)

<i>Field Name</i>	<i>Data Type</i>	<i>Format</i>	<i>Max Width</i>	Key	<i>Field Description</i>
RecCD	Char	String	1	REC	Record Status Code
RecTM	Datetime	yyyy-mm-dd hh:mm:ss	19		Record Modified Date and Time
rTinID	Integer	32 bit	10	TIN	Root TIN Identifier
pTinID	Integer	32 bit	10	TIN	Parent TIN Identifier
TinID	Integer	32 bit	10	PK	TIN Identifier
LtyCD	Char	String	1	LTY	Label Type - Topic, Sector or Indicator
LabID	Integer	32 bit	10	LAB	Indicator Name Tag Identifier
Sort	SmallInt	16 bit	5		Record Sort order

UNT (Unit of Value)

<i>Field Name</i>	<i>Data Type</i>	<i>Format</i>	<i>Max Width</i>	Key	<i>Field Description</i>
RecCD	Char	String	1	REC	Record Status Code
RecTM	Datetime	yyyy-mm-dd hh:mm:ss	19		Record Modified Date and Time
UntID	Integer	32 bit	10	PK	Unit Identifier
UntName	Varchar	String	100		Unit Name
GrpCD	Char	String	1	GRP	Group Code
Sort	SmallInt	16 bit	5		Record Sort order
ClientNote	Varchar	String	4000		Note to Client

VAL (Value) - Main AFED data table

<i>Field Name</i>	<i>Data Type</i>	<i>Format</i>	<i>Max Width</i>	Key	<i>Field Description</i>
RecCD	Char	String	1	REC	Record Status Code
RecTM	Datetime	yyyy-mm-dd hh:mm:ss	19		Record Modified Date and Time
ValID	Integer	32 bit	10	PK	Value Identifier
Amount	Decimal	30.10	30		Amount
EffDT	Date	yyyy-mm-dd	10		Effective Date of Value
SetID	Integer	32 bit	10	SET	Settings Identifier
VtyID	Integer	32 bit	10	VTY	Value Types Identifier
OrfID	Integer	32 bit	10	ORF	Original File Identifier
IndID	Integer	32 bit	10	TIN	Indicator Identifier
GeolD	Integer	32 bit	10	GEO	Geographical Location Identifier

VCL (Value Class)

<i>Field Name</i>	<i>Data Type</i>	<i>Format</i>	<i>Max Width</i>	Key	<i>Field Description</i>
RecCD	Char	String	1	REC	Record Status Code
RecTM	Datetime	yyyy-mm-dd hh:mm:ss	19		Record Modified Date and Time
VclID	Integer	32 bit	10	PK	Value Class Identifier
VclName	Varchar	String	100		Value Class Name
VclColour	Varchar	String	20		Display Colour
Sort	SmallInt	16 bit	5		Record Sort order
ClientNote	Varchar	String	4000		Note to Client

VTY (Value Types)

<i>Field Name</i>	<i>Data Type</i>	<i>Format</i>	<i>Max Width</i>	Key	<i>Field Description</i>
RecCD	Char	String	1	REC	Record Status Code
RecTM	Datetime	yyyy-mm-dd hh:mm:ss	19		Record Last Modified Date and Time
VtyID	TinyInt	8 bit	3	PK	Value Types Identifier
VclID	TinyInt	8 bit	3	CLA	Value Class Identifier
CalID	Integer	32 bit	10	CAL	Calendar Identifier
FrqID	Integer	32 bit	10	FRQ	Frequency Identifier

Data Hub: Key Interest Rates Feed Specifications

1. Database

The feed requires 2 tables in the client database

a- Lookup Table: Key rates Types

```
`group_id` int(3)
`group` varchar(255)
`type_id` int(5)
`type` varchar(255)
```

b- Feed Table:

```
`id` int(11) PRIMARY KEY
`action` varchar(1)
`frequency` varchar(10)
`cntrycd` varchar(10)
`country` varchar(255)
`group_id` int(3)
`type_id` int(5)
`interest_type` varchar(255)
`source` varchar(255)
`value_type` varchar(255)
`date` date YYYY-MM-DD
`value` DECIMAL(30,10)
```

2. Fields definition

a- Lookup Table: Key rates Types

group_id: The group id of the interest type.

group: The group name of the interest type.

type_id: id of the interest type.

type: Interest type.

b- Feed Table

id: primary key, this will be used for updates.

action: There is 3 types of actions:

- I: Insert new records.
- D: Delete, the record exists already and has been deleted.
- U: Update, the record exists already and has been updated.

frequency:

- Annually
- Monthly
- Weekly
- Daily
- Quarterly

cnytrycd: country code

country: country name

group_id: group_id in the lookup table.

interest_type: concatenation of "group">"+>"type"

source: Source name.

value_type:

- Average
- End of Period
- Weighted Average
- Annualised Average

date: date.

value: value

3. Feed Files

The extension of files is TXT, Fields are tab delimited and every row is a new line.

a- Initial Feed+lookup

InitialFeed_ir_key.txt : Generated once.

yyyymmdd_key_interest_type.txt: Generated once

b- Daily Feed:

yyyymmdd_ir_key.txt: daily file, contains, new rows and updates.

Data Hub: Economic Calendar Feed Specifications *(release dates of original source data)*

1. Database

The feed requires one table in the client database

a- Table structure:

```
`id` int(11) PRIMARY KEY
`action` varchar(1)
`cntrycd` varchar(10) DEFAULT NULL,
`country` varchar(255) DEFAULT NULL
`srcName` varchar(255) DEFAULT NULL
`sbsrcName` varchar(255) DEFAULT NULL
`pub_name` varchar(255)
`src_type` varchar(45)
`date` date YYYY-MM-DD
`status` varchar(45)
```

b- Fields definition:

Id: primary key, this will be used for updates.

action: There is 3 types of actions :

- i: Insert , this means it is a new records.
- d:Delete, The record exists already and has been deleted.
- U:Update, The record exists already and has been updates.

cntrycd: country code .

country: country name.

srcName : Source name.

sbsrcName: Sub-Source name.

pub_name: Publication name.

src_type: Source type :

- Local Source
- International Source

date : Date of the Event.

status:

- Confirmed
- Unconfirmed

2. Feed Files

The extension of files is TXT, Fields are tab delimited and every row is a new line.

a- Initial Feed:

InitialFeed_calendar_eco.txt : Generated once.

b- Daily Feed:

yyyymmdd_cal_eco.txt: daily file, contains, new rows and updates.

Contact Information

United Kingdom – Headquarters

5 Highgate Road

London, NW5 1JY

Tel: + 44 207 324 0020

Jonathan Bloch, Chief Executive Officer

Cell: + 44 7785 550 043

E-mail : j.bloch@exchange-data.com

Idil Ozkan, Business Development Manager

Phone : +44 2073 240 068

E-mail : i.ozkan@africadata.com

South Africa

PO Box 2176

Cape Town 8000

Ilze Gouws, Project Leader

Cell: +27 (0) 82 782 3750

Email: i.gouws@africadata.com

United States

315 W 36th Street

New York, NY 10018, USA

Tel: (212) 214 0825

Michael Hyland, Business Manager USA

Cell: +1 (732) 618-2854

E-mail : m.hyland@exchange-data.com

Canada

4920 Boul. de Maisonneuve Ouest

Suite 203, Westmount

Montreal, H3Z 1N1

Tel: (514) 755 8469

David Mallette, Business Manager Canada

Cell: + 1 (450) 441 3453

E-mail : d.mallette@exchange-data.com