



PRODUCT SPECIFICATION

FTSE EPRA/NAREIT GLOBAL REAL ESTATE INDEX SERIES
GLOBAL INDICES
REITs and Non-REITs INDICES
TRACKER SERVICE



National Association of Real Estate Investment Trusts®
REITs: Building Dividends and Diversification

CONTENTS

Page 3	Index Specification
	- INDEX DESCRIPTION
	- INDEX ATTRIBUTES
Page 4	Product Specification
	- FILE RANGE
	- FILE NAME
	- FILE DDS PATH
	- SERVICE TIMING
	- FILE CONTENT
	- FILE EXAMPLE
Page 8	Exchange Rates File Specification
	- FILE NAME
	- FILE CONTENT
	- FILE EXAMPLE
Page 8	Version History
	- PRODUCT SPECIFICATION DOCUMENT VERSION HISTORY
Page 9	FTSE Contact Details
Appendix A	FTSE Reference Codes

INDEX SPECIFICATION

INDEX DESCRIPTION

The FTSE EPRA/NAREIT Global REITs and Non-REITs Indices form part of the FTSE EPRA/NAREIT Global Real Estate Index Series. They are a series of indices which include constituents from both developed and emerging markets.

INDEX ATTRIBUTES

The following index table shows the specifications of the index and the attributes.

Index Specification	Attribute
Index Codes and Names	See 'Index Range'
Base Index Currency	EUR
Base Currency Date	31/12/1999
Start Value	1000
Start Date	31/10/2008

PRODUCT SPECIFICATION

FILE RANGE

Index Name	Index Code (Marker)	Local Currency
FTSE EPRA/NAREIT Global Rental Index	ENXG	EUR
FTSE EPRA/NAREIT Global Rental Index Net TRI	RNXG	EUR
FTSE EPRA/NAREIT Global Non-Rental Index	ENNXG	EUR
FTSE EPRA/NAREIT Global Non-Rental Index Net TRI	RNNXG	EUR
FTSE EPRA/NAREIT Global ex US Rental Index	ENXGU	EUR
FTSE EPRA/NAREIT Global ex US Rental Index Net TRI	RNXGU	EUR
FTSE EPRA/NAREIT Global ex US Non-Rental Index	ENNXGU	EUR
FTSE EPRA/NAREIT Global ex US Non-Rental Index Net TRI	RNNXGU	EUR
FTSE EPRA/NAREIT Americas Rental Index	ENAXA	EUR
FTSE EPRA/NAREIT Americas Rental Index Net TRI	RNAXA	EUR
FTSE EPRA/NAREIT Americas Non-Rental Index	ENNXA	EUR
FTSE EPRA/NAREIT Americas Non-Rental Index Net TRI	RNNXA	EUR
FTSE EPRA/NAREIT Asia Pacific Rental Index	ENAXAP	EUR
FTSE EPRA/NAREIT Asia Pacific Rental Index Net TRI	RNAXAP	EUR
FTSE EPRA/NAREIT Asia Pacific Non-Rental Index	ENNXAP	EUR
FTSE EPRA/NAREIT Asia Pacific Non-Rental Index Net TRI	RNNXAP	EUR
FTSE EPRA/NAREIT EMEA Rental Index	ENXEM	EUR
FTSE EPRA/NAREIT EMEA Rental Index Net TRI	RNXEM	EUR
FTSE EPRA/NAREIT EMEA Non-Rental Index	ENNXEM	EUR
FTSE EPRA/NAREIT EMEA Non-Rental Index Net TRI	RNNXEM	EUR
FTSE EPRA/NAREIT Europe Rental Index	ENCXE	EUR
FTSE EPRA/NAREIT Europe Rental Index Net TRI	RNCXE	EUR
FTSE EPRA/NAREIT Europe Non-Rental Index	ENNXE	EUR
FTSE EPRA/NAREIT Europe Non-Rental Index Net TRI	RNNXE	EUR
FTSE EPRA/NAREIT Middle East and Africa Rental Index	ENXMEA	EUR
FTSE EPRA/NAREIT Middle East and Africa Rental Index Net TRI	RNXMEA	EUR
FTSE EPRA/NAREIT Middle East and Africa Non-Rental Index	ENNXMEA	EUR
FTSE EPRA/NAREIT Middle East and Africa Non-Rental Index Net TRI	RNNXMEA	EUR

FILE NAME

File Name	File Name and Extension
FTSE EPRA/NAREIT Global REITs and Non-REITs Indices Tracker Service	enbtddmm.csv

(*Where *ddmm* is effective date and month)

FILE DDS PATH

http://data.ftse.com/data/EPRA_NAREIT_GLOBAL/tracker

SERVICE TIMING

Available 00:30 hours GMT (Greenwich Mean Time) or BST (British Summertime) as applicable.

PRODUCT SPECIFICATION

FILE CONTENT - FTSE EPRA/NAREIT Global REITs and Non-REITs Indices Tracker Service (enbtddmm.csv)

Section 1 - Index level data

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Index Code	FTSE Index codes	ENHG		String	Y
Old Number of Constituents	Number of lines of stock included in index calculation (including secondary lines), for previous day's close market capitalisation calculation	67		Integer	Y
New Number of Constituents	Number of lines of stock included in index calculation (including secondary lines), for adjusted previous day's close market capitalisation calculation	67		Integer	Y
Previous Market Capitalisation (EUR)	Previous day's closing weighted market capitalisation in EUR Currency in millions	60936.416549	6	Float	Y
New Market Capitalisation (EUR)	Previous day's closing weighted market capitalisation in EUR Currency in millions, after weighting amendments effective today	60936.416549	6	Float	Y
Previous Divisor (EUR)	Previous day's index divisor in EUR Currency, millions	47838688.225331	6	Float	Y
New Divisor (EUR)	Today's index divisor in EUR Currency, millions	47838688.225331	6	Float	Y
XD Adjustment Value	Today's XD adjustment figure in EUR Currency	0.000	3	Float	N

Section 2 - Stock level data - weighting amendments

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Cons Code	Constituent identifier code	C73596		String	N
Constituent Name	Name of company	Faberge		String	N
ISIN Code	ISIN security Identifier	SE0000950636		String	N
SEDOL	SEDOL Security Identifier	B1Y4VX4		String	N
CUSIP	CUSIP Security Identifier where available			String	N
Country Code	Country code for Security	SWED		String	N
MIC Exchange Code	Exchange code for Security	XOME		String	N
Currency Code	ISO Currency code for Security	SEK		String	N
Index Marker	Codes for indexes of which security is a constituent	ENEE		String	N
ICB Closing Subsector Code	Subsector Code identifier (4 digit code)			Integer	N
ICB New Subsector Code	New Subsector Code identifier (4 digit code)			Integer	N
Closing Price	Previous day's closing price in currency specified	165.500000	6	Float	N
Price Adjustment Factor	Price adjustment factor	0.500000	6	Float	N
Adjusted Price	Share price in currency indicated after weighting amendment	82.750000	6	Float	N
Previous Shares in Issue	Number of shares in issue before corporate amendment	94297875		Integer	N
New Shares in Issue	Number of shares in issue after corporate amendment	188595750		Integer	N
Previous Investability Weight	Percentage of market capitalisation in issue included in the Indices at close		6	Float	N
New Investability Weight	New percentage of market capitalisation included in the Indices close		6	Float	N
Amendment Code	Code for weighting and housekeeping amendments	SB		String	N
Amendment Notes	Details, where available, on weighting amendment code	Stock Split 2 for 1		String	N

Section 3 - Stock level data - Ex-dividend changes

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Cons Code	FTSE constituent identifier	C36113		String	N
Constituent Name	Name of company	Big Yellow Group		String	N
ISIN Code	ISIN security Identifier	GB0002869419		String	N
SEDOL	Stock Exchange Daily Official List (SEDOL) code	286941		String	N
CUSIP	Constituent CUSIP code			String	N
Country Code	Country code for security	UK		String	N
MIC Exchange Code	Exchange source	XLON		String	N
Subsector Code	Subsector identifier (4 digit code)	8733		Integer	
Shares in Issue	Number of shares in issue for today's calculation	112947302		Integer	N
Investability Weight	Percentage of shares in issue included in the indexes	75.00	2	Float	N
Ex-Dividend Date	Date the security is XD	13/06/2007		Date	N
Dividend Amount	Dividend amount used for Total Return calculation (may be net or gross) (up to 6 decimal places)	5.500000	6	Float	N
Currency Code	Currency code for dividend payment	GBX		String	N
Index Marker	Codes for indexes of which company is a constituent	ENEE		String	N
XD Adjustment Value	Value for XD adjustment (gross except UK which are actual values) for each related index	0.144	3	Float	N
FTSE Dividend Code	Dividend Code	C		String	N
FTSE Dividend Notes	Details, where available, on dividend payments			String	N

FILE EXAMPLE

XXXXXXXXXX

EXCHANGE RATES FILE SPECIFICATION

An Exchange Rates file is provided free of charge with this service.

File Name	File Name and Extension
FTSE Exchange Rates File	wixrddmm.csv*

(* where *ddmm* is effective date and month)

FILE CONTENT

Field	Description	Decimal Places
Date	dd/mm/yyyy format*	
ISO Currency Code	Currency code	
USD Exchange Rate	USD exchange rate used for calculation (WM/Reuters closing rates)	Up to 6

(*where *dd/mm/yyyy* is effective date, month and year)

FILE EXAMPLE

14/05/2007(C) FTSE International Limited 2007. All Rights Reserved
FTSE Exchange Rate Service

Date,ISO Currency Code,USD Exchange Rate

05/14/2007,ARS,3.081250
05/14/2007,ATS,10.163850
05/14/2007,AUD,1.200120
05/14/2007,BEF,29.796400
05/14/2007,BRL,2.013500
05/14/2007,CAD,1.107150
05/14/2007,CHF,1.219800
05/14/2007,CLP,518.350000
05/14/2007,CNY,7.680300
05/14/2007,COP,1998.300000
05/14/2007,CZK,20.891500
XXXXXXXXXX

VERSION HISTORY

Product Specification Document Version History

- Version 1.0 - Initial Product Specification – Jun 2009

FTSE CONTACT DETAILS

For FTSE contact details please visit [http://www.ftse.com/Contact Us](http://www.ftse.com/Contact_Us)

APPENDIX A

FTSE Amendment Codes

Note that housekeeping changes will appear above corporate actions in the file.

Housekeeping Changes

CODE	FTSE Amendment Note	Notes for service user
CA	Constituent Addition	Includes quarterly review changes and classification changes
CD	Constituent Deletion	Includes quarterly review changes and classification changes
NC	Name Change	Former name will appear in notes field
SC	SEDOL Change	Former SEDOL code will appear in notes field
CS	CUSIP Change	Former CUSIP code will appear in notes field
CU	Currency Change	Former currency will appear in notes field
SS	Subsector Change	Subsector Classification Code Change
IC	Investability weight change	Terms included in notes field, as available
SW	Share Weight Change	
MC	EPIC Change	Former EPIC code will appear in notes field

Corporate Actions

CODE	FTSE Amendment Note	Notes for service user
CP*	Capital Repayment	Terms included in notes field, as available
CI	Capitalisation Issue	Terms included in notes field, as available
RI*	Rights Issue	Terms included in notes field, as available
SB	Subdivision	Terms included in notes field, as available
CX*	Complex	
CN	Consolidation	Terms included in notes field, as available
IS	Share Change	Includes: Employee shares Exercise of Options Exercise of Warrants Further Issue Issue for Cash Offer for subscription Satisfaction of loan Merger Placing Scheme of Arrangement Vendor Consideration Buy-back Cap in lieu of dividend Company Reorganisation Conversion of shares Exchange Offer

*indicates Corporate Action types which will not appear until one-day prior to implementation.