



PRODUCT SPECIFICATION

FTSE EPRA/NAREIT GLOBAL REAL ESTATE INDEX SERIES
DEVELOPED MARKETS INDICES
FTSE EPRA/NAREIT REITs and Non-REITs
5 Day Tracker Service



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

CONTENTS

Page 3	Index Specification
	- INDEX DESCRIPTION
	- INDEX ATTRIBUTES
Page 4-7	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
	- FTSE INDEX CODES

INDEX SPECIFICATION

INDEX DESCRIPTION

- The FTSE EPRA/NAREIT Index Series REITs and Non-REITs are a sub-set of the FTSE EPRA/NAREIT Global Series that launched in February 2005. The REITs and Non-REITs Index Series will give investors the capability to view each constituent’s classification within the EPRA/NAREIT universe according to REIT legislation. The FTSE EPRA/NAREIT Index Series REITs and Non-REITs will consist of 5 of the key indices split in to both REITs and Non-REITs indices plus 22 individual countries split into both REITs and Non-REITs indices, giving a total of 54 individual indices. The series will be provided as end of day products.

INDEX ATTRIBUTES

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

Index Specification	Attribute
Index Codes (Markers)	ERGL, ERXA, ERXE, ERXU, ERAS, ENRG, ENXA, ENXE, ENXU, ENAS, ENAUR, ENAUNR, ENASR, ENASNR, ENBLR, ENCAR, ENCANR, ENDKR, ENDKNR, ENFIR, ENFINR, ENFRR, ENFRNR, ENGRR, ENGRNR, ENGCR, ENGCNR, ENHKR, ENHKNR, ENIRR, ENIRNR, ENITR, ENITNR, ENJPR, ENJPNR, ENNLR, ENNLNR, ENNZR, ENNZNR, ENNKR, ENNKNR, ENPTR, ENPTNR, ENSIR, ENSINR, ENSPR, ENSPNR, ENSDR, ENSDNR, ENSWR, ENSWNR, ENUSR, ENUSNR
Base Index Date	10/03/2006
Base Index Value	1000
Base Index Currency	Local

PRODUCT SPECIFICATION

FILE RANGE

Index Name	Index Code (Marker)
FTSE EPRA/NAREIT Developed REITs Index	ERGL
FTSE EPRA/NAREIT Developed ex Asia REITs Index	ERXA
FTSE EPRA/NAREIT Developed ex Europe REITs Index	ERXE
FTSE EPRA/NAREIT Developed ex US REITs Index	ERXU
FTSE EPRA/NAREIT Developed Asia REITs Index	ERAS
FTSE EPRA/NAREIT Developed Non-REITs Index	ENRG
FTSE EPRA/NAREIT Developed ex Asia Non-REITs Index	ENXA
FTSE EPRA/NAREIT Developed ex Europe Non-REITs Index	ENXE
FTSE EPRA/NAREIT Developed ex US Non-REITs Index	ENXU
FTSE EPRA/NAREIT Developed Asia Non-REITs Index	ENAS
FTSE EPRA/NAREIT Australia REITs Index	ENAU
FTSE EPRA/NAREIT Australia Non-REITs Index	ENAU
FTSE EPRA/NAREIT Austria REITs Index	ENAS
FTSE EPRA/NAREIT Austria Non-REITs Index	ENAS
FTSE EPRA/NAREIT Belgium/Luxembourg REITs Index	ENBL
FTSE EPRA/NAREIT Belgium/Luxembourg Non-REITs Index	ENBL
FTSE EPRA/NAREIT Canada REITs Index	ENCA
FTSE EPRA/NAREIT Canada Non-REITs Index	ENCA
FTSE EPRA/NAREIT Denmark REITs Index	ENDK
FTSE EPRA/NAREIT Denmark Non-REITs Index	ENDK
FTSE EPRA/NAREIT Finland REITs Index	ENFI
FTSE EPRA/NAREIT Finland Non-REITs Index	ENFI
FTSE EPRA/NAREIT France REITs Index	ENFR
FTSE EPRA/NAREIT France Non-REITs Index	ENFR
FTSE EPRA/NAREIT Germany REITs Index	ENGR
FTSE EPRA/NAREIT Germany Non-REITs Index	ENGR
FTSE EPRA/NAREIT Greece REITs Index	ENGC
FTSE EPRA/NAREIT Greece Non-REITs Index	ENGC
FTSE EPRA/NAREIT Hong Kong REITs Index	ENHK
FTSE EPRA/NAREIT Hong Kong Non-REITs Index	ENHK
FTSE EPRA/NAREIT Ireland REITs Index	ENIR
FTSE EPRA/NAREIT Ireland Non-REITs Index	ENIR
FTSE EPRA/NAREIT Italy REITs Index	ENIT
FTSE EPRA/NAREIT Italy Non-REITs Index	ENIT
FTSE EPRA/NAREIT Japan REITs Index	ENJP
FTSE EPRA/NAREIT Japan Non-REITs Index	ENJP
FTSE EPRA/NAREIT Netherlands REITs Index	ENNL
FTSE EPRA/NAREIT Netherlands Non-REITs Index	ENNL
FTSE EPRA/NAREIT New Zealand REITs Index	ENNZ
FTSE EPRA/NAREIT New Zealand Non-REITs Index	ENNZ
FTSE EPRA/NAREIT Norway REITs Index	ENNR
FTSE EPRA/NAREIT Norway Non-REITs Index	ENNR
FTSE EPRA/NAREIT Portugal REITs Index	ENPT
FTSE EPRA/NAREIT Portugal Non-REITs Index	ENPT
FTSE EPRA/NAREIT Singapore REITs Index	ENSIR
FTSE EPRA/NAREIT Singapore Non-REITs Index	ENSIR
FTSE EPRA/NAREIT Spain REITs Index	ENSP
FTSE EPRA/NAREIT Spain Non-REITs Index	ENSP

FTSE EPRA/NAREIT Sweden REITs Index	ENSDR
FTSE EPRA/NAREIT Sweden Non-REITs Index	ENSDNR
FTSE EPRA/NAREIT Switzerland REITs Index	ENSWR
FTSE EPRA/NAREIT Switzerland Non-REITs Index	ENSWNR
FTSE EPRA/NAREIT United States REITs Index	ENUSR
FTSE EPRA/NAREIT United States Non-REITs Index	ENUSNR

FILE NAME

File Name	File Name & Extension
FTSE EPRA NAREIT REITs and Non-REITs 5 Day Tracker Service	<i>ernfddmm.csv</i>

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

DDS FILE PATH

http://data.ftse.com/data/EPRA_NAREIT/5_day_tracker

SERVICE TIMING

Available **23:30** hours GMT (Greenwich Mean Time) or BST (British Summertime) as applicable.

PRODUCT SPECIFICATION

FILE CONTENT - FTSE EPRA NAREIT Europe REITs and Non-REITs 5 Day Tracker Service
(ernfddmm.scv)

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Value Date	Value date of the file	13/06/2007		Date	N
Effective Date	Date in which change data displayed will be effective T+5	18/06/2007		Date	N
Cons Code	Constituent identifier code	C73596		String	N
Constituent Name	Name of company	Fabege		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
ISO Country Code	Country code for Security	SWED		String	N
MIC Exchange Code	Exchange code for Security	XOME		String	N
ISO 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 Indexes 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

FILE EXAMPLE

- ernfddmm.csv

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FTSE EPRA NAREIT REITs and Non-REITs 5 Day Tracker Service

Value Date,Effective Date,Cons Code,Constituent Name,SEDOL,CUSIP,Country Code,Exchange Code,ISO
Code,Index Marker,Closing Subsector Code,New Subsector Code,Closing Price,Price Adjustment
Factor,Adjusted Price,Previous Shares in Issue,New Shares in Issue,Previous Investability Weight,New
Investability Weight,Amendment Code,Amendment Notes
20/09/2007,24/09/2007,C33812,CLS Holdings,0159247,,UK,EXL,GBX,ENRG ENXA
ENXU,,,513.000000,,,72604668,70541736,,,IS,
YYYYYYYYYY

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	wixr <i>ddmm</i> .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 – September 2007
- Version 1.1 - Name changes – March 2009

FTSE CONTACT DETAILS

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

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.