DEUTSCHE BANK AG Form SC 13G February 12, 2009

> UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

> > SCHEDULE 13G

Under the Securities Exchange Act of 1934

Digital Realty Trust, Inc.

NAME OF ISSUER:

Common Stock (Par Value \$ 0.01) TITLE OF CLASS OF SECURITIES

TITLE OF CLASS OF SECURITIES

253868103

CUSIP NUMBER

December 31, 2008

(Date of Event Which Requires Filing of this Statement)

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Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

[x] Rule 13d-1(b)

[ ] Rule 13d-1(c)

[ ] Rule 13d-1(d)

1. NAME OF REPORTING PERSONS S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS

Deutsche Bank AG\*

- 2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP
   (A) [ ]
   (B) [ ]
- 3. SEC USE ONLY
- 4. CITIZENSHIP OR PLACE OF ORGANIZATION

Federal Republic of Germany

NUMBER OF	5.	SOLE VOTING POWER
SHARES		2,980,599
BENEFICIALLY	6.	SHARED VOTING POWER
OWNED BY		0
EACH	7.	SOLE DISPOSITIVE POWER
REPORTING		4,998,009
PERSON WITH	8.	SHARED DISPOSITIVE POWER
		0

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

4,998,009

10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW 9 EXCLUDES CERTAIN SHARES

[ ]

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

6.85%

12. TYPE OF REPORTING PERSON

FΙ

\* In accordance with Securities Exchange Act Release No. 39538 (January 12, 1998), this amended filing reflects the securities beneficially owned by the Private Clients and Asset Management business group ("PCAM") of Deutsche Bank AG and its subsidiaries and affiliates (collectively, "DBAG"). This filing does not reflect securities, if any, beneficially owned by any other business group of DBAG. Consistent with Rule 13d-4 under the Securities Exchange Act of 1934 ("Act"), this filing shall not be construed as an admission that PCAM is, for purposes of Section 13(d) under the Act, the beneficial owner of any securities covered by the filing.

1. NAME OF REPORTING PERSONS S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS

Deutsche Investment Management Americas

- 2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP
  (A) [ ]
  (B) [ ]
- 3. SEC USE ONLY
- 4. CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

NUMBER OF	5.	SOLE VOTING POWER
SHARES		587,870
BENEFICIALLY	6.	SHARED VOTING POWER
OWNED BY		0
EACH	7.	SOLE DISPOSITIVE POWER
REPORTING		587,870
PERSON WITH	8.	SHARED DISPOSITIVE POWER

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 587,870

10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW 9 EXCLUDES CERTAIN SHARES

[ ]

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

0

0.81%

12. TYPE OF REPORTING PERSON

IA, CO

 NAME OF REPORTING PERSONS S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS

Deutsche Bank Trust Company Americas

- 2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP(A) [ ](B) [ ]
- 3. SEC USE ONLY
- 4. CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

NUMBER OF	5.	SOLE VOTING POWER
SHARES		5,500
BENEFICIALLY	6.	SHARED VOTING POWER
OWNED BY		0
EACH	7.	SOLE DISPOSITIVE POWER
REPORTING		5,500
PERSON WITH	8.	SHARED DISPOSITIVE POWER
		0

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

5,500

10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW 9 EXCLUDES CERTAIN SHARES

[ ]

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

0.01%

12. TYPE OF REPORTING PERSON

BK, CO

- NAME OF REPORTING PERSONS S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS RREEF America, L.L.C.
   CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (A) [] (B) []
- 3. SEC USE ONLY
- 4. CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

NUMBER OF	5.	SOLE VOTING POWER
SHARES		2,165,197
BENEFICIALLY	6.	SHARED VOTING POWER
OWNED BY		0
EACH	7.	SOLE DISPOSITIVE POWER
REPORTING		4,121,007
PERSON WITH	8.	SHARED DISPOSITIVE POWER
		0

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

4,121,007

10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW 9 EXCLUDES CERTAIN SHARES

[ ]

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

5.65%

12. TYPE OF REPORTING PERSON

IA, CO

1. NAME OF REPORTING PERSONS S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS

Deutsche Bank Trust Company Delaware

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP(A) [ ](B) [ ]

3. SEC USE ONLY

4. CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

NUMBER OF 5. SOLE VOTING POWER

OWNED BY	1,715 SHARED VOTING POWER 0 SOLE DISPOSITIVE POWER 1,715 SHARED DISPOSITIVE POWER 0
9. AGGREGATE AMOUN	T BENEFICIALLY OWNED BY EACH REPORTING PERSON
1,715	
10. CHECK BOX IF TH	E AGGREGATE AMOUNT IN ROW 9 EXCLUDES CERTAIN SHARES
[ ]	
11. PERCENT OF CLAS	S REPRESENTED BY AMOUNT IN ROW 9
0.00%	
12. TYPE OF REPORTI	NG PERSON
BK, CO	
1. NAME OF REPORTI S.S. OR I.R.S.	NG PERSONS IDENTIFICATION NOS. OF ABOVE PERSONS
DWS Investments	S.A., Luxembourg
2. CHECK THE APPRO (A) [ ] (B) [ ]	PRIATE BOX IF A MEMBER OF A GROUP
3. SEC USE ONLY	
4. CITIZENSHIP OR	PLACE OF ORGANIZATION
Federal Republi	c of Germany
NUMBER OF 5 SHARES	. SOLE VOTING POWER 13,200
BENEFICIALLY 6	. SHARED VOTING POWER
OWNED BY EACH 7	0 . SOLE DISPOSITIVE POWER
REPORTING PERSON WITH 8	13,200 . SHARED DISPOSITIVE POWER
9. AGGREGATE AMOUN	T BENEFICIALLY OWNED BY EACH REPORTING PERSON
13,200	
10. CHECK BOX IF TH	E AGGREGATE AMOUNT IN ROW 9 EXCLUDES CERTAIN SHARES

[ ]

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

0.02%

12. TYPE OF REPORTING PERSON

IA, CO

1. NAME OF REPORTING PERSONS S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS

Deutsche Asset Management Australia Ltd

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP
 (A) [ ]
 (B) [ ]

3. SEC USE ONLY

4. CITIZENSHIP OR PLACE OF ORGANIZATION

Federal Republic of Australia

NUMBER OF	5.	SOLE VOTING POWER
SHARES		207,117
BENEFICIALLY	6.	SHARED VOTING POWER
OWNED BY		0
EACH	7.	SOLE DISPOSITIVE POWER
REPORTING		268,717
PERSON WITH	8.	SHARED DISPOSITIVE POWER
		0

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

268,717

10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW 9 EXCLUDES CERTAIN SHARES

## [ ]

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

0.37%

12. TYPE OF REPORTING PERSON

IA, CO

Item 1(a). Name of Issuer:

Digital Realty Trust Inc. (the "Issuer")

Item 1(b). Address of Issuer's Principal Executive Offices:

560 Mission Street Suite 2900 San Francisco, CA 94105

Item 2(a). Name of Person Filing:

This statement is filed on behalf of Deutsche Bank AG ("Reporting Person").

Item 2(b). Address of Principal Business Office or, if none, Residence:

Theodor-Heuss-Allee 70 60468 Frankfurt am Main Federal Republic of Germany

Item 2(c). Citizenship:

The citizenship of the Reporting Person is set forth on the cover page.

Item 2(d). Title of Class of Securities:

The title of the securities is common stock, 0.01 par value ("Common Stock").

Item 2(e). CUSIP Number:

The CUSIP number of the Common Stock is set forth on the cover page.

- Item 3. If this statement is filed pursuant to Rules 13d-1(b), or 13d-2(b) or (c), check whether the person filing is a:

  - (b) [x] Bank as defined in section 3(a)(6) of the Act;

Deutsche Bank Trust Company Americas

- (c) [ ] Insurance Company as defined in section 3(a)(19)
   of the Act;
- (d) [ ] Investment Company registered under section 8 of the Investment Company Act of 1940;
- (e) [x] An investment adviser in accordance with Rule 13d- 1(b)(1)(ii)(E);

Deutsche Investment Management Americas

RREEF America, L.L.C

Deutsche Bank Trust Company Delaware

DWS Investments S.A., Luxembourg

Deutsche Asset Management Australia Ltd

- (h) [ ] A savings association as defined in section 3(b) of the Federal Deposit Insurance Act;

- (i) [ ] A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940;
- (j) [X] A non-U.S. institution in accordance with Group, in accordance with Rule 13d-1 (b) (1) (ii) (J).
- (k) [] Group, in accordance with Rule 13d-1 (b) (1) (ii) (J).

#### Item 4. Ownership.

(a) Amount beneficially owned:

The Reporting Person owns the amount of the Common Stock as set forth on the cover page.

(b) Percent of class:

The Reporting Person owns the percentage of the Common Stock as set forth on the cover page.

- (c) Number of shares as to which such person has:
  - (i) sole power to vote or to direct the vote:

The Reporting Person has the sole power to vote or direct the vote of the Common Stock as set forth on the cover page.

(ii) shared power to vote or to direct the vote:

The Reporting Person has the shared power to vote or direct the vote of the Common Stock as set forth on the cover page.

(iii) sole power to dispose or to direct the disposition of:

The Reporting Person has the sole power to dispose or direct the disposition of the Common Stock as set forth on the cover page.

(iv) shared power to dispose or to direct the disposition
 of:

The Reporting Person has the shared power to dispose or direct the disposition of the Common Stock as set forth on the cover page.

Item 5. Ownership of Five Percent or Less of a Class.

Not applicable.

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

Not applicable.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company.

	Subsidiary Item	3 Classification
	Deutsche Investment Management Americas	Investment Advisor
	Deutsche Bank Trust Company Americas	Bank
	Deutsche Bank Trust Company Delaware	Bank
	RREEF America, L.L.C.	Investment Advisor
	Deutsche Asset Management Australia Ltd	Investment Advisor
	DWS Investments S.A., Luxembourg	Investment Advsior
Item 8.	Identification and Classification of Mem	bers of the Group.
	Not applicable.	
Item 9.	Notice of Dissolution of Group.	
	Not applicable.	
Item 10.	Certification.	

By signing below I certify that, to the best of my knowledge and belief, the foreign regulatory scheme applicable to a bank organized under the laws of the Federal Republic of Germany is substantially comparable to the regulatory scheme applicable to the functionally equivalent U.S. institution. I also undertake to furnish to the Commission staff, upon request, information that would otherwise be disclosed in a Schedule 13D.

#### SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: February 12, 2009

Deutsche Bank AG By: /s/ Jeffrey A. Ruiz Name: Jeffrey A. Ruiz Title: Director By: /s/ Pasquale Antolino Name: Pasquale Antolino Title: Assistant Vice President

### SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: February 12, 2009

Deutsche Investment Management Americas

By: /s/ Jeffrey A. Ruiz Name: Jeffrey A. Ruiz Title: Director

### SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: February 12, 2009

Deutsche Bank Trust Company Americas By: /s/ Jeffrey A. Ruiz

Name: Jeffrey A. Ruiz Title: Director

## SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: February 12, 2009

RREEF America L.L.C.

By: /s/ Peter Pages Name: Peter Pages Title: Director

### SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: February 12, 2009

Deutsche Bank Trust Company Delaware

By: /s/ Catherine Franceschini Name: Catherine Franceschini Title: Vice President

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: February 12, 2009

DWS Investments S.A., Luxembourg

By: /s/ Christian Dargatz Name: Christian Dargatz Title: Director

By: /s/ Jack Sturmhoefel Name: Jack Sturmhoefel Title: Assistant Vice President

#### SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: February 12, 2009

Deutsche Asset Management Australia Ltd

By: /s/ Anne Gardiner Name: Anne Gardiner Title: Director, Compliance By: /s/ Michael Thomas Name: Michael Thomas Title: Vice President, Compliance