Mills Joshua Ananda Form 4 March 03, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB 3235-0287

OMB APPROVAL

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obligations may continue. See Instruction

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Mills Joshua Ananda			2. Issuer Name and Ticker or Trading Symbol Digital Realty Trust, Inc. [DLR]	5. Relationship of Reporting Person(s) to Issuer			
(Last)	(Last) (First) (Mid		3. Date of Earliest Transaction	(Check all applicable)			
560 MISSION STREET, SUITE 2900			(Month/Day/Year) 03/01/2010	Director 10% Owner _X Officer (give title Other (special below) General Counsel			
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Ched			
SAN FRANCISCO, CA 94105			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City)	(State)	(Zip)	Table I - Non	-Derivative Securities Acq	uired, Disposed	of, or Be	neficially Owned
Title of	2. Transaction I	Date 2A. Deemed	3.	4. Securities Acquired	5. Amount of	6.	7. Nature

1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(Instr. 4)	
Common Stock	03/01/2010		M <u>(1)</u>	97	A	<u>(2)</u>	97	D	
Common Stock	03/01/2010		S(3)	97	D	\$ 51.65	0	D	
Common Stock	03/02/2010		M(4)	119	A	<u>(2)</u>	119	D	
Common Stock	03/02/2010		S(3)	119	D	\$ 52.42	0	D	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474 (9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactic Code (Instr. 8)	omf Derivative		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Pri Deriv Secui (Instr
				Code V	′ (A	A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Long-Term Incentive Units (1) (2)	<u>(5)</u>	03/01/2010		M <u>(1)</u>		97	(2)	<u>(6)</u>	Common Stock	97	\$
Long-Term Incentive Units (2) (4)	<u>(5)</u>	03/02/2010		M(4)		119	(2)	<u>(6)</u>	Common Stock	119	\$

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Mills Joshua Ananda 560 MISSION STREET SUITE 2900 SAN FRANCISCO, CA 94105

General Counsel

Signatures

/s/ Barbara Polster, attorney-in-fact 03/03/2010

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) In accordance with the terms of a Trading Plan (SEC Rule 10b5-1 Securities Exchange Act of 1934), Joshua Mills converted 97 long-term incentive units into common limited partnership units ("Common Units") of Digital Realty Trust, L.P., a Maryland Limited Partnership (the "Operating Partnership"), and subsequently redeemed the 97 Common Units for 97 shares of the common stock of

Reporting Owners 2

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Digital Realty Trust, Inc. (the "Issuer"), all in accordance with the requirements of the Limited Partnership Agreement of the Operating Partnership.

- Long-term incentive units are profits interest units in the Operating Partnership. Vested profits interest units may be converted into an equal number of Common Units in the Operating Partnership on a one-for-one basis at any time. Common Units are redeemable for cash
- (2) based on the fair market value of an equivalent number of shares of the Issuer's common stock, or, at the election of the Issuer, for an equal number of shares of the Issuer's common stock, subject to adjustment in the event of stock splits, stock dividends, issuance of stock rights, specified extraordinary distributions or similar events.
- (3) Common Stock sold in accordance with the terms of a Trading Plan (SEC Rule 10b5-1 Securities Exchange Act of 1934).
 - In accordance with the terms of a Trading Plan (SEC Rule 10b5-1 Securities Exchange Act of 1934), Joshua Mills converted 119 long-term incentive units into common limited partnership units ("Common Units") of Digital Realty Trust, L.P., a Maryland Limited
- (4) Partnership (the "Operating Partnership"), and subsequently redeemed the 119 Common Units for 119 shares of the common stock of Digital Realty Trust, Inc. (the "Issuer"), all in accordance with the requirements of the Limited Partnership Agreement of the Operating Partnership.
- (**5**) 1 for 1.
- (6) N/A

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.