Mills Joshua Ananda Form 4 June 07, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

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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)

See Instruction

Name and Address Mills Joshua An	ss of Reporting Person * anda	2. Issuer Name and Ticker or Trading Symbol Digital Realty Trust, Inc. [DLR]	5. Relationship of Reporting Person(s) to Issuer			
(Last)	(First) (Middle)	3. Date of Earliest Transaction	(Check all applicable)			
560 MISSION STREET, SUITE 2900		(Month/Day/Year) 06/03/2010	Director 10% Owner _X Officer (give title Other (specify below) General Counsel			
•	(Street)	4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
SAN FRANCIS	CO, 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) Tabl	e I - Non-D	erivative	Secur	ities Acqu	uired, Disposed o	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date 2A. Deemed 3. (Month/Day/Year) Execution Date, if Transaction Date, if Cod			. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (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)
Common	06/03/2010		Code V M(1)	Amount	(A) or (D)	Price \$ 0 (2)	Reported Transaction(s) (Instr. 3 and 4)	(Instr. 4)	
Stock Common Stock	06/03/2010		S(3)	96	D	\$ 60.02	0	D	
Common Stock	06/03/2010		M(4)	5,000	A	\$ 0 (5)	5,000	D	
Common Stock	06/03/2010		S(3)	5,000	D	\$ 60	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)

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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. Transaction Code (Instr. 8)	5. Number omf Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Long-Term Incentive Units (2)	<u>(6)</u>	06/03/2010		M(1)	96	<u>(2)</u>	<u>(7)</u>	Common Stock	96
Class C Profits Interest Units (5)	<u>(6)</u>	06/03/2010		M <u>(4)</u>	5,000	<u>(5)</u>	<u>(7)</u>	Common Stock	5,000

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 06/07/2010

**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 96 long-term incentive units into common limited partnership units ("Common Units") of Digital Realty Trust, L.P., a Maryland Limited

Reporting Owners 2

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Partnership (the "Operating Partnership"), and subsequently redeemed the 96 Common Units for 96 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.

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 5,000 Class C Profits Interest Units ("Class C Units") into Common Units of the Operating Partnership and subsequently redeemed the 5,000 Common Units for 5,000 shares of the common stock of the Issuer, all in accordance with the requirements of the Limited Partnership Agreement of the Operating Partnership.
 - Class C Units are membership interests in the Operating Partnership of which the Issuer is the general partner. Class C Units that have satisfied the performance condition and achieved full parity with Common Units receive the same quarterly distributions as Common
- (5) Units, and may be converted into an equal number of Common Units on a one-for-one basis at any time. Common Units will be redeemable for cash 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. The Class C Units have achieved full parity with Common Units.
- **(6)** 1 for 1.
- (7) 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.