

Digital Realty Trust, Inc.
 Form 4
 September 15, 2006

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

(Print or Type Responses)

1. Name and Address of Reporting Person *
 Stein A William

(Last) (First) (Middle)

DIGITAL REALTY TRUST,
 INC., 560 MISSION STREET,
 SUITE 2900

(Street)

SAN FRANCISCO, CA 94105

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
 Digital Realty Trust, Inc. [DLR]

3. Date of Earliest Transaction
 (Month/Day/Year)
 09/13/2006

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner
 Officer (give title below) Other (specify below)
 CFO and CIO

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code				5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)	
			Code	V	Amount	(A) or (D)				Price
Common Stock	09/13/2006		M		20,203	A	\$ 12	20,203	D	
Common Stock	09/13/2006		S		1,000	D	\$ 31.08	19,203	D	
Common Stock	09/13/2006		S		300	D	\$ 31.04	18,903	D	
Common Stock	09/13/2006		S		100	D	\$ 31.01	18,803	D	
Common Stock	09/13/2006		S		10,100	D	\$ 31	8,703	D	

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Common Stock	09/13/2006	S	300	D	\$ 30.99	8,403	D
Common Stock	09/13/2006	S	500	D	\$ 30.98	7,903	D
Common Stock	09/13/2006	S	600	D	\$ 30.97	7,303	D
Common Stock	09/13/2006	S	600	D	\$ 30.94	6,703	D
Common Stock	09/13/2006	S	400	D	\$ 30.89	6,303	D
Common Stock	09/13/2006	S	600	D	\$ 30.88	5,703	D
Common Stock	09/13/2006	S	200	D	\$ 30.87	5,503	D
Common Stock	09/13/2006	S	100	D	\$ 30.82	5,403	D
Common Stock	09/13/2006	S	500	D	\$ 30.81	4,903	D
Common Stock	09/13/2006	S	1,000	D	\$ 30.8	3,903	D
Common Stock	09/13/2006	S	500	D	\$ 30.77	3,403	D
Common Stock	09/13/2006	S	900	D	\$ 30.76	2,503	D
Common Stock	09/13/2006	S	900	D	\$ 30.75	1,603	D
Common Stock	09/13/2006	S	900	D	\$ 30.73	703	D
Common Stock	09/13/2006	S	100	D	\$ 30.72	603	D
Common Stock	09/13/2006	S	303	D	\$ 30.69	300	D
Common Stock	09/13/2006	S	100	D	\$ 30.68	200	D
Common Stock	09/13/2006	S	200	D	\$ 30.66	0	D

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

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(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 of 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
Employee Stock Option (right to buy)	\$ 12	09/13/2006		M	20,203	<u>(1)</u> 10/28/2014	Common Stock 20,203

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

Stein A William
DIGITAL REALTY TRUST, INC.
560 MISSION STREET, SUITE 2900
SAN FRANCISCO, CA 94105

CFO and CIO

Signatures

/s/ A. William
Stein

09/14/2006

**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) Option to purchase 80,815 shares of common stock of the Issuer was granted on October 28, 2004, and shares subject to the option have vested and continue to vest in equal annual installments of 25% on each of the first four anniversaries from the date of grant.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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