UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 OR 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): September 11, 2006

DIGITAL REALTY TRUST, INC.

(Exact name of registrant as specified in its charter)

Maryland (State or other jurisdiction

of incorporation)

560 Mission Street, Suite 2900

San Francisco, California (Address of principal executive offices) 001-32336 (Commission File Number) 26-0081711 (I.R.S. Employer

Identification Number)

94105 (Zip Code)

(415) 738-6500

(Registrant s telephone number, including area code)

Check the appropriate box below if the Form 8-K is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (*see* General Instruction A.2. below):

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- " Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- " Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- " Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- " Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 7.01 Regulation FD Disclosure.

The information furnished in this Item 7.01 of this Current Report on Form 8-K, including the exhibit attached hereto, shall not be deemed filed for any purpose, including for the purposes of Section 18 of the Exchange Act, or otherwise subject to the liabilities of that Section. The information in this Item 7.01 of this Current Report on Form 8-K, including the exhibit attached hereto, shall not be deemed incorporated by reference into any filing under the Securities Act or the Exchange Act regardless of any general incorporation language in such filing.

On September 11-12, 2006, management will make a presentation at a series of investor meetings. A copy of the materials to be presented at the investor meetings is attached hereto as Exhibit 99.1 and is incorporated herein by reference.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

Exhibit

Number	Description
99.1	Materials to be presented at a series of investor meetings on September 11-12, 2006.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Digital Realty Trust, Inc.

By: /s/ Joshua A. Mills Joshua A. Mills General Counsel and Assistant Secretary

Date: September 11, 2006

EXHIBITS

Exhibit

Number	Description
99.1	Materials to be presented at a series of investor meetings on September 11-12, 2006.