FIRST TRUST VALUE LINE R 100 FUND

Form N-Q May 29, 2007

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

FORM N-Q

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT COMPANY

Investment Company Act file number 811-21336

FIRST TRUST VALUE LINE(R) 100 FUND

(Exact name of registrant as specified in charter)

1001 Warrenville Road, Suite 300 LISLE, IL 60532

(Address of principal executive offices) (Zip code)

W. Scott Jardine, Esq. First Trust Portfolios L.P. 1001 Warrenville Road, Suite 300 LISLE, IL 60532

(Name and address of agent for service)

Registrant's telephone number, including area code: 630-241-4141

Date of fiscal year end: DECEMBER 31

Date of reporting period: MARCH 31, 2007

Form N-Q is to be used by management investment companies, other than small business investment companies registered on Form N-5 (ss.ss. 239.24 and 274.5 of this chapter), to file reports with the Commission, not later than 60 days after the close of the first and third fiscal quarters, pursuant to rule 30b1-5 under the Investment Company Act of 1940 (17 CFR 270.30b1-5). The Commission may use the information provided on Form N-Q in its regulatory, disclosure review, inspection, and policymaking roles.

A registrant is required to disclose the information specified by Form N-Q, and the Commission will make this information public. A registrant is not required to respond to the collection of information contained in Form N-Q unless the Form displays a currently valid Office of Management and Budget ("OMB") control number. Please direct comments concerning the accuracy of the information collection burden estimate and any suggestions for reducing the burden to the Secretary, Securities and Exchange Commission, 100 F Street, NE, Washington, DC 20549. The OMB has reviewed this collection of information under the clearance requirements of 44 U.S.C. ss. 3507.

ITEM 1. SCHEDULE OF INVESTMENTS.
The Schedule(s) of Investments is attached herewith.

FIRST TRUST VALUE LINE(R) 100 FUND PORTFOLIO OF INVESTMENTS
MARCH 31, 2007 (UNAUDITED)

SHARES	DESCRIPTION	MARKET VALUE
COMMON STOCKS	- 99.6%	
61,794	AEROSPACE & DEFENSE - 3.0% DRS Technologies, Inc	\$ 2,886,617 2,846,231 2,930,567
		8,663,415
	AIRLINES - 1.9% AMR Corp.(a)	
		5,616,611
48,253	AUTOMOBILES - 1.0% Harley-Davidson, Inc	2,834,864
50,839	BIOTECHNOLOGY - 1.0% Amgen, Inc.(a)	2,840,883
149,688	BUILDING PRODUCTS - 1.0% Apogee Enterprises, Inc.	2,999,748
23,900	CAPITAL MARKETS - 1.0% Franklin Resources, Inc	2,887,837
61,367 57,513 142,000	CHEMICALS - 5.0% Albemarle Corp. Cabot Corp. DuPont Company Hercules, Inc.(a) Potash Corp. of Saskatchewan, Inc.	2,948,700 2,929,047 2,842,868 2,774,680 2,924,480
		14,419,775
89,004	COMMERCIAL BANKS - 1.0% Synovus Financial Corp	2,878,389
98,235 56,231	COMMERCIAL SERVICES & SUPPLIES - 4.0% Allied Waste Industries, Inc.(a)	2,876,060 2,840,956 2,969,559 3,031,695
	COMMUNICATIONS EQUIPMENT - 5.0% Ciena Corp.(a)	3,037,382 2,854,841

21,336	Polycom, Inc.(a)	2,713,529 2,912,151 2,899,622
		14,417,525
114,176	CONSTRUCTION & ENGINEERING - 1.0% Quanta Services, Inc.(a)	2,879,519

See Notes to Quarterly Portfolio of Investments. Page 1

FIRST TRUST VALUE LINE(R) 100 FUND PORTFOLIO OF INVESTMENTS - (CONTINUED) MARCH 31, 2007 (UNAUDITED)

SHARES	DESCRIPTION	MARKET VALUE
COMMON STOCKS	S - CONTINUED	
	CONTAINERS & PACKAGING - 1.9%	
	Rock-Tenn Company, Class A\$ Sealed Air Corp	
,	-	
		5,661,826
	DIVERSIFIED CONSUMER SERVICES - 2.1%	
	5 Devry, Inc	3,140,626 2,933,750
23,470		
		6,074,376
	DIVERSIFIED TELECOMMUNICATION SERVICES - 1.0%	
75 , 228	3 AT&T, Inc	2,966,240
	ELECTRICAL EQUIPMENT - 2.0%	
	7 Acuity Brands, Inc	
88,147	7 II-VI, Inc.(a)	2,983,776
		5,860,767
	ELECTRONIC EQUIPMENT & INSTRUMENTS - 3.9%	
·	Agilysys, Inc	2,891,013
	Avnet, Inc.(a)	2,791,092
	5 FLIR Systems, Inc.(a)	3,009,335
195,653	3 PC Connection, Inc.(a)	2,797,838
		11,489,278
	FOOD & STAPLES RETAILING - 3.0%	
79,320) Safeway, Inc	2,906,285
	The Kroger Company	2,921,587
60 , 650) Walgreen Company	2,783,229
		8,611,101

	HEALTH CARE EQUIPMENT & SUPPLIES - 6.1%	
22,576	Alcon, Inc	2,975,968
86,486	Cytyc Corp.(a)	2,958,686
97 , 827	Immucor, Inc.(a)	2,879,049
58,442	Kinetic Concepts, Inc.(a)	2,959,503
45 , 098	Stryker Corp	2,990,899
33,770	Zimmer Holdings, Inc.(a)	2,884,296
		17,648,401
	HOTELS, RESTAURANTS & LEISURE - 2.0%	
41,257	MGM MIRAGE(a)	2,868,187
73 , 919	WMS Industries, Inc.(a)	2,900,582
		5 , 768 , 769
	HOUSEHOLD DURABLES - 2.0%	
	Garmin Ltd	· ·
108,111	Tempur-Pedic International, Inc	2,809,805
		5,706,451
	INDUSTRIAL CONGLOMERATES - 1.0%	
127,430	Tredegar Corp	2,904,130

Page 2 See Notes to Quarterly Portfolio of Investments.

FIRST TRUST VALUE LINE(R) 100 FUND
PORTFOLIO OF INVESTMENTS - (CONTINUED)
MARCH 31, 2007 (UNAUDITED)

SHARES	DESCRIPTION	MARKET VALUE
COMMON STOCKS	- CONTINUED	
•	INSURANCE - 2.0% American International Group, Inc	
	-	5,813,051
174,978	INTERNET SOFTWARE & SERVICES - 3.0% Akamai Technologies, Inc.(a) Interwoven, Inc.(a) SkillSoft PLC, ADR(a)	2,860,965 2,957,128 3,036,210
	-	8,854,303
54,115	INTERNET & CATALOG RETAIL - 1.0% Priceline.com, Inc.(a)	2,882,165
31,283	IT SERVICES - 3.9% Cognizant Technology Solutions Corp.,	

55 , 593	Class A(a) Electronic Data Systems Corp. Infosys Technologies Ltd., ADR Paychex, Inc.	2,761,350 2,920,323 2,793,548 2,735,842
		11,211,063
102,514	LEISURE EQUIPMENT & PRODUCTS - 1.0% Mattel, Inc	
50,472	LIFE SCIENCES TOOLS & SERVICES - 1.0% Waters Corp.(a)	2,927,376
128,323 119,628 28,373 78,576 83,835	MEDIA - 7.0% Comcast Corp., Class A(a) DIRECTV Group (The), Inc.(a) News Corporation, Class B Omnicom Group, Inc. Shaw Communications, Inc. Walt Disney (The) Company WPP Group plc, ADR	2,861,249 2,960,412 2,927,297 2,904,828 2,901,026 2,886,439 2,881,237
59,486	METALS & MINING - 3.0% Allegheny Technologies, Inc. Brush Engineered Materials, Inc.(a) Southern Copper Corp.	20,322,488
77,271 38,876 55,102	MULTILINE RETAIL - 5.0% Big Lots, Inc.(a) Dollar Tree Stores, Inc.(a) Kohl's Corp.(a) Nordstrom, Inc. Target Corp.	2,789,112 2,954,843 2,978,290 2,917,100 2,823,680

See Notes to Quarterly Portfolio of Investments. Page 3

FIRST TRUST VALUE LINE(R) 100 FUND PORTFOLIO OF INVESTMENTS - (CONTINUED) MARCH 31, 2007 (UNAUDITED)

SHARES	DESCRIPTION	 MARKET VALUE
COMMON STOCKS	- CONTINUED	
169,025	OFFICE ELECTRONICS - 1.0% Xerox Corp.(a)	\$ 2,854,832
	PAPER & FOREST PRODUCTS - 1.0%	

80,298	International Paper Company	2,922,847
57 , 946	PERSONAL PRODUCTS - 1.0% NBTY, Inc.(a)	3,073,456
116,768	PHARMACEUTICALS - 3.0% Forest Laboratories, Inc.(a) Schering-Plough Corp. Sepracor, Inc.(a)	2,890,979 2,978,752 2,866,952
		8,736,683
81,823	REAL ESTATE MANAGEMENT & DEVELOPMENT - 1.0% CB Richard Ellis Group, Inc., Class A(a)	2,796,710
81,098 187,757 89,493	SEMICONDUCTORS & SEMICONDUCTOR EQUIPMENT - 4.9% ATMI, Inc.(a) FEI Company(a) Integrated Device Technology, Inc.(a) Novellus Systems, Inc.(a) Varian Semiconductor Equipment Associates, Inc.(a)	2,691,413 2,924,394 2,895,213 2,865,566 2,888,125
45,328 123,562 160,763	SOFTWARE - 4.9% Cognos, Inc.(a)	2,857,626 2,848,865 2,971,666 2,914,633 2,726,136
70,083	SPECIALTY RETAIL - 3.0% Aeropostale, Inc.(a) Guess? Inc. OfficeMax, Inc.	2,890,646 2,837,661 2,933,135
49,930	TEXTILES, APPAREL & LUXURY GOODS - 3.0% Coach, Inc.(a)	2,852,800 2,935,884 2,890,183 8,678,867

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FIRST TRUST VALUE LINE(R) 100 FUND PORTFOLIO OF INVESTMENTS - (CONTINUED) MARCH 31, 2007 (UNAUDITED)

		MARKET VALUE
TOTAL COMMON STOCKS	\$	289,141,489
(Cost \$255,756,188)		
TOTAL INVESTMENTS - 99.6% (Cost \$255,756,188) (b)		289,141,489
NET OTHER ASSETS & LIABILITIES - 0.4%		1,036,298
NET ASSETS - 100.0%	\$	290,177,787
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ADR American Depositary Receipt

See Notes to Quarterly Portfolio of Investments. Page 5

FIRST TRUST VALUE LINE(R) 100 FUND PORTFOLIO COMPONENTS+ MARCH 31, 2007 (UNAUDITED)

[GRAPHIC OMITTED]

EDGAR REPRESENTATION OF DATA POINTS USED IN PRINTED GRAPHIC AS FOLLOWS:

Media	7.0%
Health Care Equipment & Supplies	6.1%
Chemicals	5.0%
Communications Equipment	5.0%
Multiline Retail	5.0%
Semiconductors & Semiconductor Equipment	4.9%
Software	4.9%
Commercial Services & Supplies	4.0%
Electronic Equipment & Instruments	4.0%
IT Services	3.9%
Internet Software & Services	3.1%
Aerospace & Defense	3.0%
Food & Staples Retailing	3.0%
Metals & Mining	3.0%
Pharmaceuticals	3.0%
Specialty Retail	3.0%
Textiles, Apparel & Luxury Goods	3.0%
Diversified Consumer Services	2.1%
Containers & Packaging	2.0%
Electrical Equipment	2.0%
Hotels, Restaurants & Leisure	2.0%
Household Durables	2.0%
Insurance	2.0%
Airlines	1.9%
Personal Products	1.1%
Automobiles	1.0%
Biotechnology	1.0%

⁽a) Non-income producing security.

⁽b) Aggregate cost for federal income tax and financial reporting purposes.

Building Products	1.0%
Capital Markets	1.0%
Commercial Banks	1.0%
Construction & Engineering	1.0%
Diversified Telecommunication Services	1.0%
Industrial Conglomerates	1.0%
Internet & Catalog Retail	1.0%
Leisure Equipment & Products	1.0%
Life Sciences Tools & Services	1.0%
Office Electronics	1.0%
Paper & Forest Products	1.0%
Real Estate Management & Development	1.0%

⁺ Percentages are based on total investments. Please note that the percentages shown on the Portfolio of Investments are based on net assets.

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NOTES TO QUARTERLY PORTFOLIO OF INVESTMENTS - (UNAUDITED)

FIRST TRUST VALUE LINE(R) 100 FUND MARCH 31, 2007

1. VALUATION AND INVESTMENT PRACTICES

A. PORTFOLIO VALUATION:

First Trust Value Line(R) 100 Fund (the "Fund") determines the net asset value ("NAV") of its shares daily, as of the close of regular session trading on the New York Stock Exchange ("NYSE"), normally 4:00 p.m. Eastern time, on each day the NYSE is open for trading. The NAV is computed by dividing the value of all assets of the Fund (including accrued interest and dividends), less all liabilities (including accrued expenses and dividends declared but unpaid), by the total number of shares outstanding.

The Fund's investments are valued at market value or, in the absence of market value with respect to any portfolio securities, at fair value according to procedures adopted by the Fund's Board of Trustees. Portfolio securities listed on any exchange other than the NASDAQ National Market ("NASDAQ") are valued at the last sale price on the business day as of which such value is being determined. If there has been no sale on such day, the securities are valued at the mean of the most recent bid and asked prices on such day. Portfolio securities traded on the NASDAQ are valued at the NASDAQ Official Closing Price as determined by NASDAQ. Portfolio securities traded on more than one securities exchange are valued at the last sale price on the business day as of which such value is being determined at the close of the exchange representing the principal market for such securities. Portfolio securities traded in the over-the-counter market, but excluding securities traded on the NASDAQ, are valued at the closing bid prices. Short-term investments that mature in less than 60 days are valued at amortized cost.

Foreign securities traded outside the United States are generally valued as of the time their trading is complete, which is usually different from the close of the NYSE. Occasionally, events affecting the value of such securities may occur

between such times and the close of the NYSE that will not always be reflected in such securities' value. If events materially affecting the value of such securities occur during such period, these securities will be valued at their fair value according to procedures adopted by the Fund's Board of Trustees. All securities and other assets of the Fund denominated in foreign currencies will be converted to U.S. dollars using exchange rates in effect at the time of valuation.

B. SECURITIES TRANSACTIONS:

Securities transactions are recorded as of the trade date. Realized gains and losses from securities transactions are recorded on the identified cost basis.

2. UNREALIZED APPRECIATION/(DEPRECIATION)

As of March 31, 2007, the aggregate gross unrealized appreciation for all securities in which there was an excess of value over tax cost was \$36,976,193, and the aggregate unrealized depreciation for all securities in which there was an excess of tax cost over value was \$3,590,892.

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ITEM 2. CONTROLS AND PROCEDURES.

- (a) The registrant's principal executive and principal financial officers, or persons performing similar functions, have concluded that the registrant's disclosure controls and procedures (as defined in Rule 30a-3(c) under the Investment Company Act of 1940, as amended (the "1940 Act") (17 CFR 270.30a-3(c))) are effective, as of a date within 90 days of the filing date of the report that includes the disclosure required by this paragraph, based on their evaluation of these controls and procedures required by Rule 30a-3(b) under the 1940 Act (17 CFR 270.30a-3(b)) and Rules 13a-15(b) or 15d-15(b) under the Securities Exchange Act of 1934, as amended (17 CFR 240.13a-15(b) or 240.15d-15(b)).
- (b) There were no changes in the registrant's internal control over financial reporting (as defined in Rule 30a-3(d) under the 1940 Act (17 CFR 270.30a-3(d)) that occurred during the registrant's last fiscal quarter that have materially affected, or are reasonably likely to materially affect, the registrant's internal control over financial reporting.

ITEM 3. EXHIBITS.

Certifications pursuant to Rule 30a-2(a) under the 1940 Act and Section 302 of the Sarbanes-Oxley Act of 2002 are attached hereto.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

(Registrant) FIRST TRUST VALUE LINE(R) 100 FUND

By (Signature and Title) * /S/ JAMES A. BOWEN

James A. Bowen, Chairman of the Board, President and

James A. Bowen, Chairman of the Board, President and Chief Executive Officer (principal executive officer)

Date MAY 22, 2007

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

By (Signature and Title) * /S/ JAMES A. BOWEN

James A. Bowen, Chairman of the Board, President and Chief Executive Officer (principal executive officer)

Date MAY 22, 2007

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By (Signature and Title) * /S/ MARK R. BRADLEY

Mark R. Bradley, Treasurer, Controller, Chief Financial Officer and Chief Accounting Officer (principal financial officer)

Date MAY 22, 2007

^{*} Print the name and title of each signing officer under his or her signature.