NEXTEST SYSTEMS CORP Form SC 13G November 06, 2006

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

> > SCHEDULE 13G

Under the Securities Exchange Act of 1934*

Nextest Systems Corporation (Name of Issuer)

Common Stock (Title of Class of Securities)

> 653339101 (CUSIP Number)

October 26, 2006 (Date of Event which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- [] Rule 13d-1(b) [X] Rule 13d-1(c)
- [] Rule 13d-1(d)

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. 653339101 13G Page 2 of 11 Pages

1 NAME OF REPORTING PERSON

Marshall Wace LLP I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

2	CHECK THE APPROPRIAT	E BO	X IF A MEMBER OF A GROUP*	(a) [] (b) [X]	
3	SEC USE ONLY				
4	CITIZENSHIP OR PLACE	OF	ORGANIZATION		
	England				
		5	SOLE VOTING POWER		
NUMBER OF SHARES BENEFICIAI OWNED BY EACH REPORTING PERSON WITH			0		
		6	SHARED VOTING POWER		
	LLY		900,000		
		7	SOLE DISPOSITIVE POWER		
			0		
		8	SHARED DISPOSITIVE POWER		
			900,000		
9	AGGREGATE AMOUNT BENE	 FICI	ALLY OWNED BY EACH REPORTING	NG PERSON	
	900,000				
10	CHECK BOX IF THE AGGR	EGAT	E AMOUNT IN ROW (9) EXCLUD	ES CERTAIN SHARES*	
	[]				
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)				
	5.1%				
12	TYPE OF REPORTING PER	SON*			
	PN				
	*SEE INS	TRUC	TION BEFORE FILLING OUT		
CUSIP No.	653339101		13G	Page 3 of 11 Pages	
1	NAME OF REPORTING PE	RSON			
	The Eureka Interacti				
2	CHECK THE APPROPRIAT	 Е ВО	X IF A MEMBER OF A GROUP*		

				(a) [] (b) [X]
3	SEC USE ONLY			
	CITIZENSHIP OR PLAC	CE OF	ORGANIZATION	
	Cayman Islands			
		5	SOLE VOTING POWER	
			0	
NUMBER OF SHARES BENEFICIAI OWNED BY EACH REPORTING PERSON WITH		6	SHARED VOTING POWER	
	LLY		900,000	
	- ;	7	SOLE DISPOSITIVE POWER	
			0	
	-	8	SHARED DISPOSITIVE POWER	
			900,000	
9	AGGREGATE AMOUNT BEN	NEFICI.	ALLY OWNED BY EACH REPORTI	NG PERSON
	900,000			
10	CHECK BOX IF THE AGO	GREGAT	E AMOUNT IN ROW (9) EXCLUD	ES CERTAIN SHARES*
	[]			
11	PERCENT OF CLASS REE	PRESEN	TED BY AMOUNT IN ROW (9)	
	5.1%			
12	TYPE OF REPORTING PE	ERSON*		
	00			
	*SEE IN	NSTRUC	TION BEFORE FILLING OUT	
CUSIP No.	653339101		13G	Page 4 of 11 Pages
1	NAME OF REPORTING E	-ERSON		
	<pre>Ian Wace I.R.S. IDENTIFICAT:</pre>	ION NO	. OF ABOVE PERSON	
2	CHECK THE APPROPRIA	ATE BO	X IF A MEMBER OF A GROUP*	(a) []

				(b) [X]
3	SEC USE ONLY			
4	CITIZENSHIP OR	PLACE OF	ORGANIZATION	
	England			
		5	SOLE VOTING POWER	
			0	
NUMBER OF SHARES		6	SHARED VOTING POWER	
BENEFICIAL OWNED BY EACH REPORTING PERSON WITH	LLY		900,000	
		7	SOLE DISPOSITIVE POWER	
			0	
		8	SHARED DISPOSITIVE POWER	
			900,000	
9	AGGREGATE AMOUNT	BENEFIC	IALLY OWNED BY EACH REPORT	ING PERSON
	900,000			
10	CHECK BOX IF THE	AGGREGA'	TE AMOUNT IN ROW (9) EXCLUI	DES CERTAIN SHARES*
	[]			
11	PERCENT OF CLASS	REPRESE	NTED BY AMOUNT IN ROW (9)	
	5.1%			
12	TYPE OF REPORTIN	G PERSON	*	
	IN			
	*SE	E INSTRU	CTION BEFORE FILLING OUT	
CUSTP NO	 653339101		13G	Page 5 of 11 Pages
			130	
1	NAME OF REPORTI	NG PERSO	 N	
	Mark Hawtin I.R.S. IDENTIFI	CATION NO	O. OF ABOVE PERSON	
2	CHECK THE APPRO	PRIATE BO	OX IF A MEMBER OF A GROUP*	(a) [] (b) [X]

3 SEC USE ONLY 4 CITIZENSHIP OR PLACE OF ORGANIZATION England			
England			
5 SOLE VOTING POWER			
0			
NUMBER OF SHARES 6 SHARED VOTING POWER			
BENEFICIALLY OWNED BY 900,000			
EACH REPORTING 7 SOLE DISPOSITIVE POWER			
PERSON WITH 0			
8 SHARED DISPOSITIVE POWER			
900,000			
9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON			
900,000			
10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*		
[]			
11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)			
5.1%			
12 TYPE OF REPORTING PERSON*			
IN			
*SEE INSTRUCTION BEFORE FILLING OUT			
Item 1(a) Name of Issuer:			
Item 1(a) Name of Issuer:			
	ation		
The name of the issuer is Nextest Systems Corporation, a Delaware corpor	ation		
The name of the issuer is Nextest Systems Corporation, a Delaware corpor (the "Company"). Item 1(b) Address of Issuer's Principal Executive Offices:			

This Schedule 13G is filed by:

- (i) Marshall Wace LLP, a limited liability partnership incorporated in England (the "Investment Manager"), which serves as investment manager or adviser to a variety of hedge funds and managed accounts, including The Eureka Interactive Fund Limited;
- (ii) The Eureka Interactive Fund Limited, an exempted company incorporated with limited liability in the Cayman Islands, which operates as an open-ended investment fund (the "Fund") that owns the shares of Common Stock (as defined in Item 2(d)) (the "Securities");
- (v) Mr. Ian Wace ("Mr. Wace"), who is a co-founder and equity owner of the Investment Manager and who is responsible for the investment decisions of the Investment Manager with respect to the Securities; and
- (vi) Mr. Mark Hawtin ("Mr. Hawtin"), who is an equity owner of the Investment Manager and who is responsible for the investment decisions of the Investment Manager with respect to the Securities.

The Investment Manager, Fund and Messrs. Wace and Hawtin are hereinafter sometimes collectively referred to as the "Reporting Persons."

Item 2(b) Address of Principal Business Office:

The address of the principal business office of each of the Reporting Persons is The Adelphi, 13th Floor, 1/11 John Adam Street London, England WC2N 6HT.

Item 2(c) Citizenship:

The Fund is an exempted company incorporated with limited liability in the Cayman Islands. The Investment Manager is incorporated in England. Messrs. Wace and Hawtin are British citizens.

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Item 2(d) Title of Class of Securities:

Common Stock, \$0.001 par value ("Common Stock").

Item 2(e) CUSIP Number:

653339101

Item 3: If this statement is filed pursuant to Rules 13d-1(b) or

13d-2(b) or (c), check whether the person filing is a:

- A. [] Broker or dealer registered under Section 15 of the Act,
- B. [] Bank as defined in Section 3(a)(6) of the Act,
- C. [] Insurance Company as defined in Section 3(a)(19) of the Act,

- D. [] Investment Company registered under Section 8 of the Investment Company Act of 1940, [] Investment Adviser in accordance with Rule 13d-1 Ε. (b) (1) (ii) (E), F. [] Employee Benefit Plan or Endowment Fund in accordance with 13d-1 (b) (1) (ii) (F), [] Parent Holding Company or control person in accordance with Rule 13d-1 (b) (1) (ii) (G), [] Savings Association as defined in Section 3(b) of the Federal Deposit Insurance Act, [] Church Plan that is excluded from the definition of an Τ. investment company under Section 3(c)(14) of the Investment Company Act of 1940, J. [] Group, in accordance with Rule 13d-1(b)(1)(ii)(J).
- J. [] Group, in accordance with Rule 13d-1(b)(1)(11)(J)

Item 4 Amount Beneficially Owned:

The beneficial ownership of Securities by the Reporting Persons, as of the date hereof, is as follows:

- A. The Eureka Interactive Fund Limited
- (a) Amount beneficially owned: 900,000 shares of Common Stock.
- (b) Percent of class: 5.1%. The percentages used herein and elsewhere in this Schedule 13G are calculated based upon a total of 17,513,178 shares of Common Stock issued and outstanding as of September 5, 2006 as reflected in the Company's Annual Report on Form 10-K filed on September 12, 2006.
- (c) Number of shares as to which such person has:
 - (i) Sole power to vote or direct the vote: 0
 - (ii) Shared power to vote or direct the vote: 900,000
 - (iii) Sole power to dispose or direct the disposition: 0
 - (iv) Shared power to dispose or direct the disposition: 900,000

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B. Marshall Wace LLP

- (a) Amount beneficially owned: 900,000
- (b) Percent of class: 5.1%.
- (c) Number of shares as to which such person has:
 - (i) Sole power to vote or direct the vote: 0
 - (ii) Shared power to vote or direct the vote: 900,000
 - (iii) Sole power to dispose or direct the disposition: 0
 - (iv) Shared power to dispose or direct the disposition: 900,000
- C. Ian Wace

- (a) Amount beneficially owned: 900,000
- (b) Percent of class: 5.1%.
- (c) Number of shares as to which such person has:
 - (i) Sole power to vote or direct the vote: 0
 - (ii) Shared power to vote or direct the vote: 900,000
 - (iii) Sole power to dispose or direct the disposition: 0
 - (iv) Shared power to dispose or direct the disposition: 900,000

D. Mark Hawtin

- (a) Amount beneficially owned: 900,000
- (b) Percent of class: 5.1%.
- (c) Number of shares as to which such person has:
 - (i) Sole power to vote or direct the vote: 0
 - (ii) Shared power to vote or direct the vote: 900,000
 - (iii) Sole power to dispose or direct the disposition: 0
 - (iv) Shared power to dispose or direct the disposition: 900,000

It.em 5 Ownership of Five Percent or Less of a Class:

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following. []

Item 6 Ownership of More than Five Percent on Behalf of Another

Person:

Other than as set forth herein, no other person has the right to receive or the power to direct the receipt of dividends from, or proceeds from the sale of, in excess of 5% of the total outstanding Common Stock.

Item 7 Identification and Classification of the

______ Subsidiary Which Acquired the Security Being _____ Reported on By the Parent Holding Company:

Not Applicable

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Item 8 Identification and Classification of Members

of the Group:

Not Applicable

Item 9 Notice of Dissolution of Group:

Not Applicable

Item 10 Certification:

Each of the Reporting Persons hereby makes the following certification:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the

purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

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SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, ${\tt I}$ certify that the information set forth in this statement is true, complete and correct.

Dated: November 6, 2006

THE EUREKA INTERACTIVE FUND LIMITED

By: Marshall Wace LLP, its Investment Manager

By: /s/ Mark Hawtin

Name: Mark Hawtin
Title: Partner

MARSHALL WACE LLP

By: /s/ Mark Hawtin

Name: Mark Hawtin
Title: Partner

/s/ Ian Wace

Ian Wace

/s/ Mark Hawtin

Mark Hawtin

[SIGNATURE PAGE OF SCHEDULE 13G WITH RESPECT TO NEXTEST SYSTEMS CORPORATION]

Exhibit Index

Exhibit 99.1: Joint Filing Agreement, dated November 6, 2006, by and between The Eureka Interactive Fund Limited, Marshall Wace LLP, Ian Wace and Mark Hawtin.