NEXTEST SYSTEMS CORP Form SC 13G/A January 31, 2007

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934*
(Amendment No. 1)

Nextest Systems Corporation

(Name of Issuer)

Common Stock

(Title of Class of Securities)

653339101 -----(CUSIP Number)

December 31, 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 8 Pages -----

1 NAME OF REPORTING PERSON Marshall Wace LLP I.R.S. IDENTIFICATION NO. OF ABOVE PERSON 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) [] (b)]X] SEC USE ONLY 4 CITIZENSHIP OR PLACE OF ORGANIZATION England 5 SOLE VOTING POWER NUMBER OF 6 SHARED VOTING POWER SHARES BENEFICIALLY 825**,**000 OWNED BY 7 SOLE DISPOSITIVE POWER EACH REPORTING PERSON WITH _____ 8 SHARED DISPOSITIVE POWER 825,000 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 825,000 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES* 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 4.7% 12 TYPE OF REPORTING PERSON* PN *SEE INSTRUCTION BEFORE FILLING OUT CUSIP No. 653339101 13G Page 3 of 8 Pages 1 NAME OF REPORTING PERSON

The Eureka Interactive Fund Limited

2

		I.R.S. IDENTIFICATION NO. OF ABOVE PERSON						
	2	CHECK THE APPROP	RIATE BO	X IF A MEMBER OF A GROUP*		[]]X]		
		SEC USE ONLY						
	4	CITIZENSHIP OR PLACE OF ORGANIZATION						
		Cayman Islands						
			5	SOLE VOTING POWER				
				0				
	NUMBER OF SHARES BENEFICIALLY			SHARED VOTING POWER				
]				825,000				
	OWNED BY EACH REPORTING PERSON		7	SOLE DISPOSITIVE POWER				
				0				
		WITH	8	SHARED DISPOSITIVE POWER				
				825,000				
	 9 :	AGGREGATE AMOUNT	 BENEFICI	ALLY OWNED BY EACH REPORTIN	G PERSON			
		825,000						
10		CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*						
		[]		(1)				
1			 REPRESEN	TED BY AMOUNT IN ROW (9)				
		4.7%						
12	12 TYPE OF REPORTING PERSON*							
	00							
				TION BEFORE FILLING OUT				
		022	111011100	TION BELONE TIBELING GOT				
CUSIP No	0.	653339101		13G	Page 4 of	8 Pages		
	1 NAME OF REPORTING PERSON							
		Ian Wace						
		I.R.S. IDENTIFICA	ATION NO	O. OF ABOVE PERSON				
	2	CHECK THE APPROP	RIATE BO	X IF A MEMBER OF A GROUP*				

					(a) [] (b)]X]				
		SEC USE ONLY							
	4	CITIZENSHIP OR PLAC	CE OF	ORGANIZATION					
		England							
			5	SOLE VOTING POWER					
				0					
	NUMBER OF SHARES BENEFICIALLY OWNED BY EACH			SHARED VOTING POWER					
				825,000					
				SOLE DISPOSITIVE POWER					
REPORTING PERSON WITH		PERSON		0					
		WITH -	8	SHARED DISPOSITIVE POWER					
				825,000					
9	9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 825,000							
	10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*							
	11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)							
		4.7%							
	12	TYPE OF REPORTING PERSON*							
		IN							
		*SEE I	 NSTRUC	TION BEFORE FILLING OUT					
CUSIP	No.	653339101 		13G	Page 5 of 8 Pages				
	1	NAME OF REPORTING I	PERSON						
		Mark Hawtin I.R.S. IDENTIFICAT	ION NO	. OF ABOVE PERSON					
	2	CHECK THE APPROPRIA	ATE BO	X IF A MEMBER OF A GROUP*	(a) []				
					(a) [] (b)]X]				

SEC USE ONLY 4 CITIZENSHIP OR PLACE OF ORGANIZATION England ______ 5 SOLE VOTING POWER NUMBER OF 6 SHARED VOTING POWER SHARES 825,000 BENEFICIALLY _____ OWNED BY 7 SOLE DISPOSITIVE POWER REPORTING PERSON WITH 8 SHARED DISPOSITIVE POWER 825**,**000 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 825,000 ______ 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES* [] _____ 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 4.7%

*SEE INSTRUCTION BEFORE FILLING OUT

This Amendment No. 1 to Schedule 13G (this "Amendment No. 1") is filed with respect to the Common Stock of Nextest Systems Corporation, a Delaware corporation, to amend the Schedule 13G filed on November 6, 2006 (the "Schedule 13G") and to report beneficial ownership of less than 5% of the total outstanding Common Stock. Capitalized terms used but not defined herein have the meaning ascribed thereto in the Schedule 13G.

Item 4 Amount Beneficially Owned:

12 TYPE OF REPORTING PERSON*

Item 4 is hereby amended by the deletion of the text thereof in its entirety and its replacement with the following:

The beneficial ownership of Securities by the Reporting Persons, as of December 31, 2006, is as follows:

A. Marshall Wace LLP

IN

- (a) Amount beneficially owned: 825,000 shares of Common Stock.
- (b) Percent of class: 4.7%. The percentages used herein and elsewhere in this Schedule 13G are calculated based upon a total of 17,592,053 shares of Common Stock issued and outstanding as of November 3, 2006 as reflected in the Company's Quarterly Report on Form 10-Q filed on November 11, 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: 825,000
 - (iii) Sole power to dispose or direct the disposition: 0
 - (iv) Shared power to dispose or direct the disposition: 825,000
- B. The Eureka Interactive Fund Limited

- (a) Amount beneficially owned: 825,000
- (b) Percent of class: 4.7%.
- (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: 825,000
 - (iii) Sole power to dispose or direct the disposition: 0
 - (iv) Shared power to dispose or direct the disposition: 825,000
- C. Ian Wace

- (a) Amount beneficially owned: 825,000
- (b) Percent of class: 4.7%.
- (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: 825,000
 - (iii) Sole power to dispose or direct the disposition: 0
 - (iv) Shared power to dispose or direct the disposition: 825,000

Page 6 of 8 pages

D. Mark Hawtin

- (a) Amount beneficially owned: 825,000
- (b) Percent of class: 4.7%.
- (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: 825,000
 - (iii) Sole power to dispose or direct the disposition: $\ensuremath{\text{0}}$
 - (iv) Shared power to dispose or direct the disposition: 825,000
- Item 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. [X]

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.

Page 7 of 8 pages

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: January 31, 2007

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 AMENDMENT NO. 1 TO SCHEDULE 13G WITH RESPECT TO NEXTEST SYSTEMS CORPORATION]