Rational® software

Application Lifecycle Management Software Research

Executive Summary - July 2008

aca research

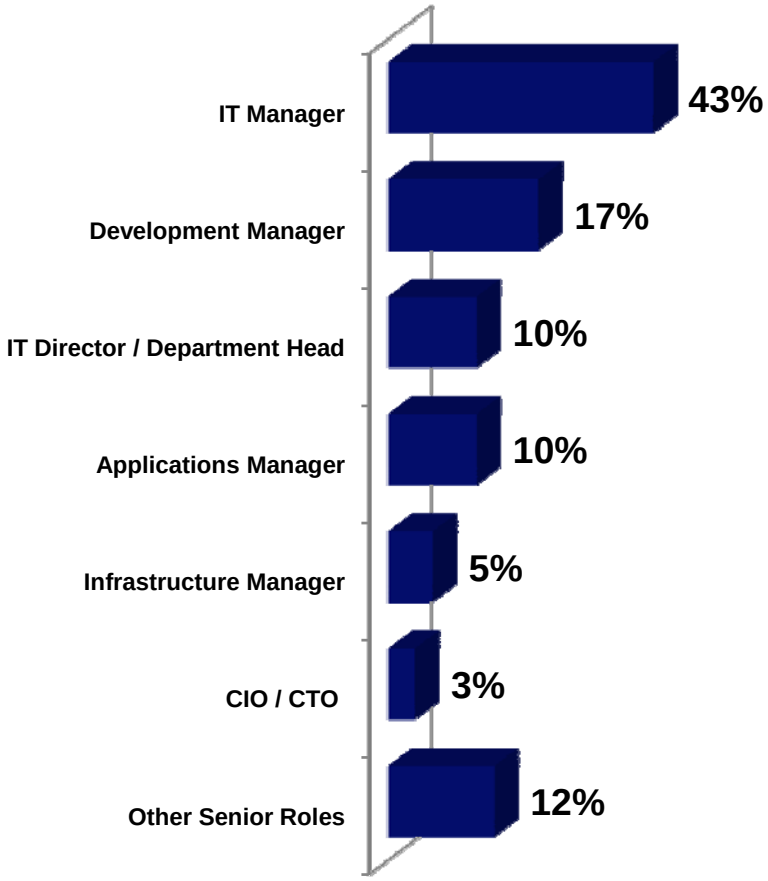
Methodology

- A telephone methodology was used to complete this research quantitatively.
- Fieldwork was conducted between 27/02/2008 and 21/04/2008.
- Respondents were IT Managers or of equivalent responsibilities within the development departments of mid to large Australian organisations in Sydney, Melbourne, and Canberra.

Reader's note: Where " MR " is indicated on the bottom, right-hand corner of a slide, multiple responses are used in the tabulation of data on any particular page.

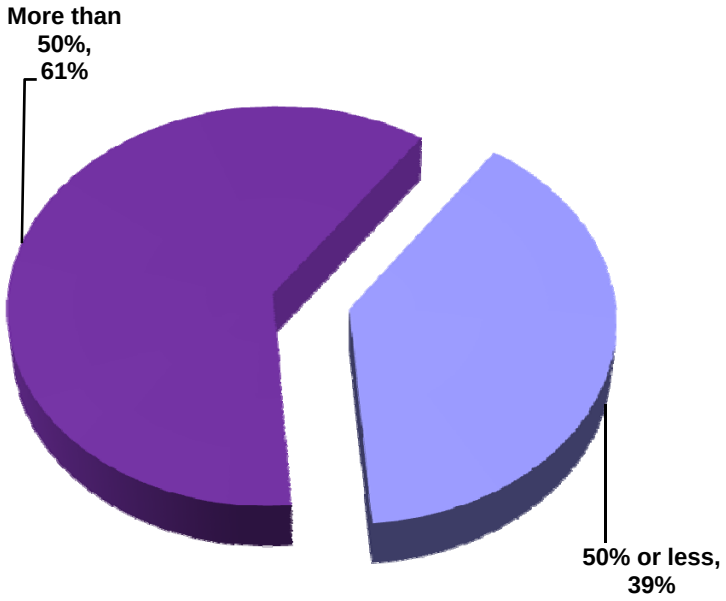
Respondent job title

(Prompted, n=163)



Percentage of in-house development

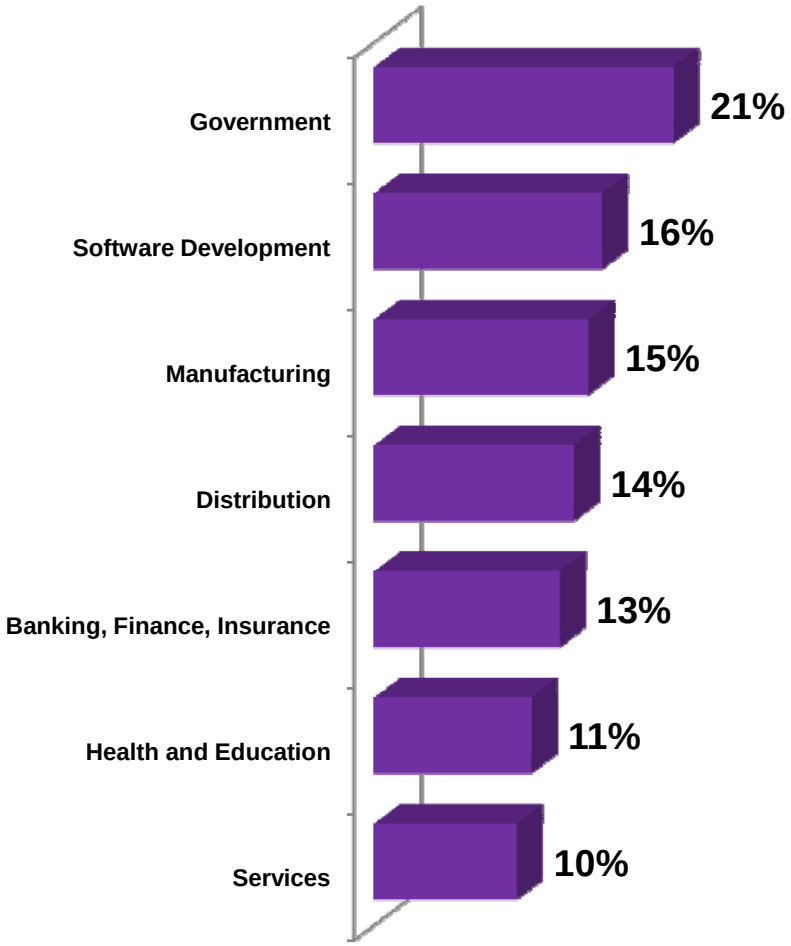
(Prompted, n=163)



Percentage of development (N=163)	Mean % in-house	Mean % outsourced
	63%	37%

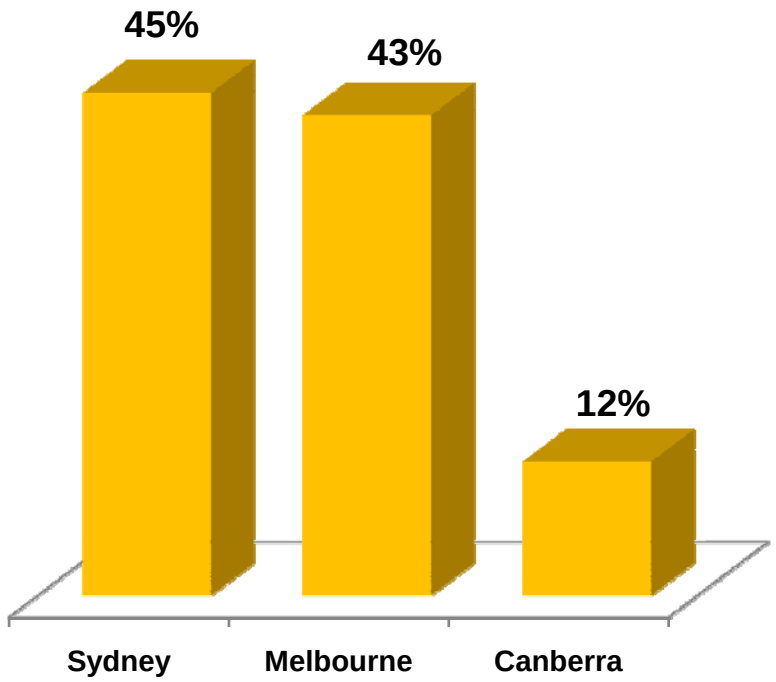
Industry

(Prompted, n=163)



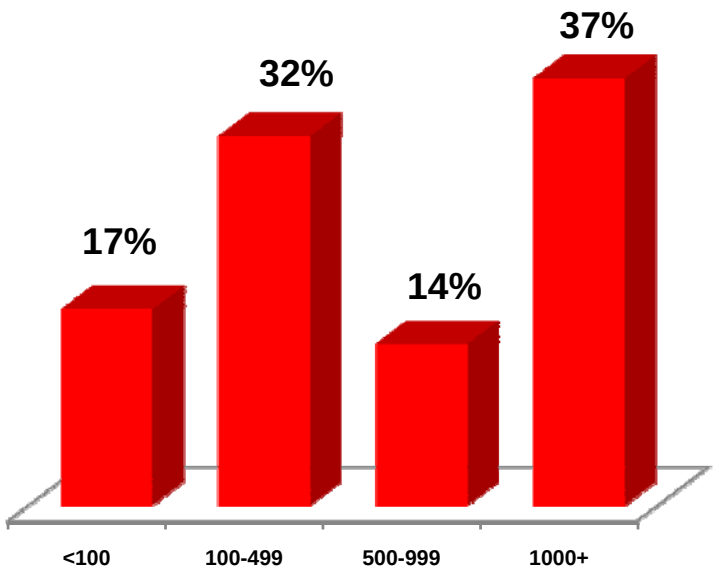
Location

(Prompted, n=163)



Number of Employees

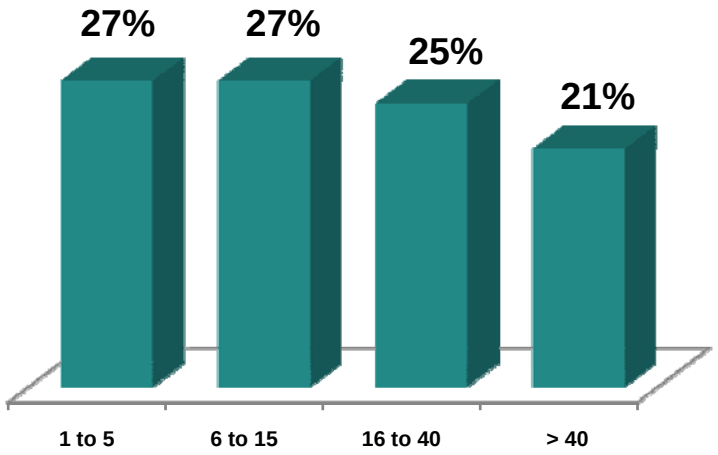
(Prompted, n=163)



Number of employees (N=163)	Mean	Median
	2690	450

Number of Developers

(Prompted, n=163)

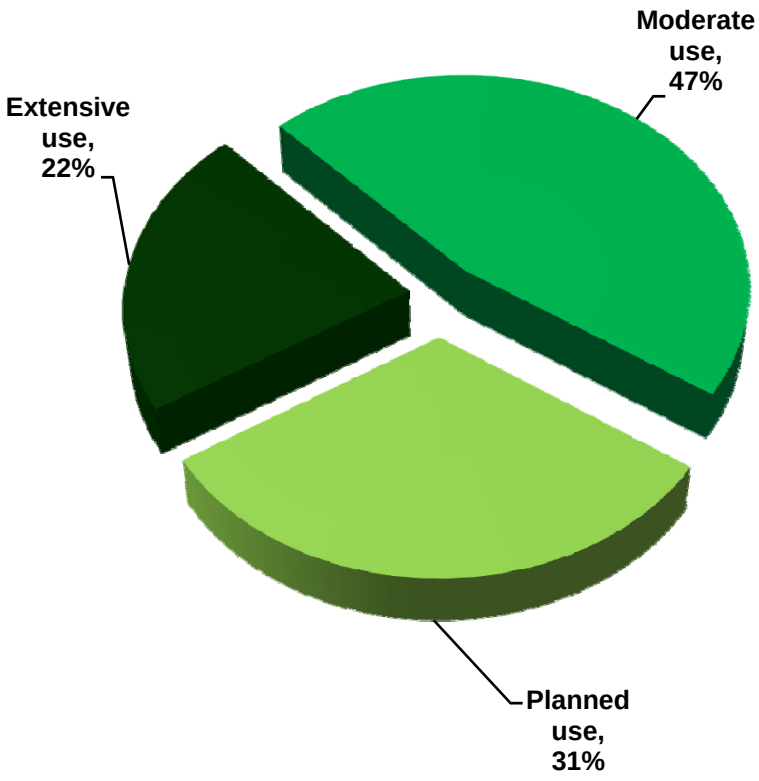


Number of developers (N=163)	Mean	Median
	42	15

Employee size vs. number of developers	Number of employees			
	<100	100-499	500-999	1000+
N=163	28	53	22	60
1 to 5 developers	43%	43%	18%	8%
6 to 15 developers	32%	28%	27%	23%
16 to 40 developers	14%	19%	15%	28%
> 40 developers	11%	9%	9%	40%

Usage of application lifecycle management software (ALMS)

(Prompted, n=163)



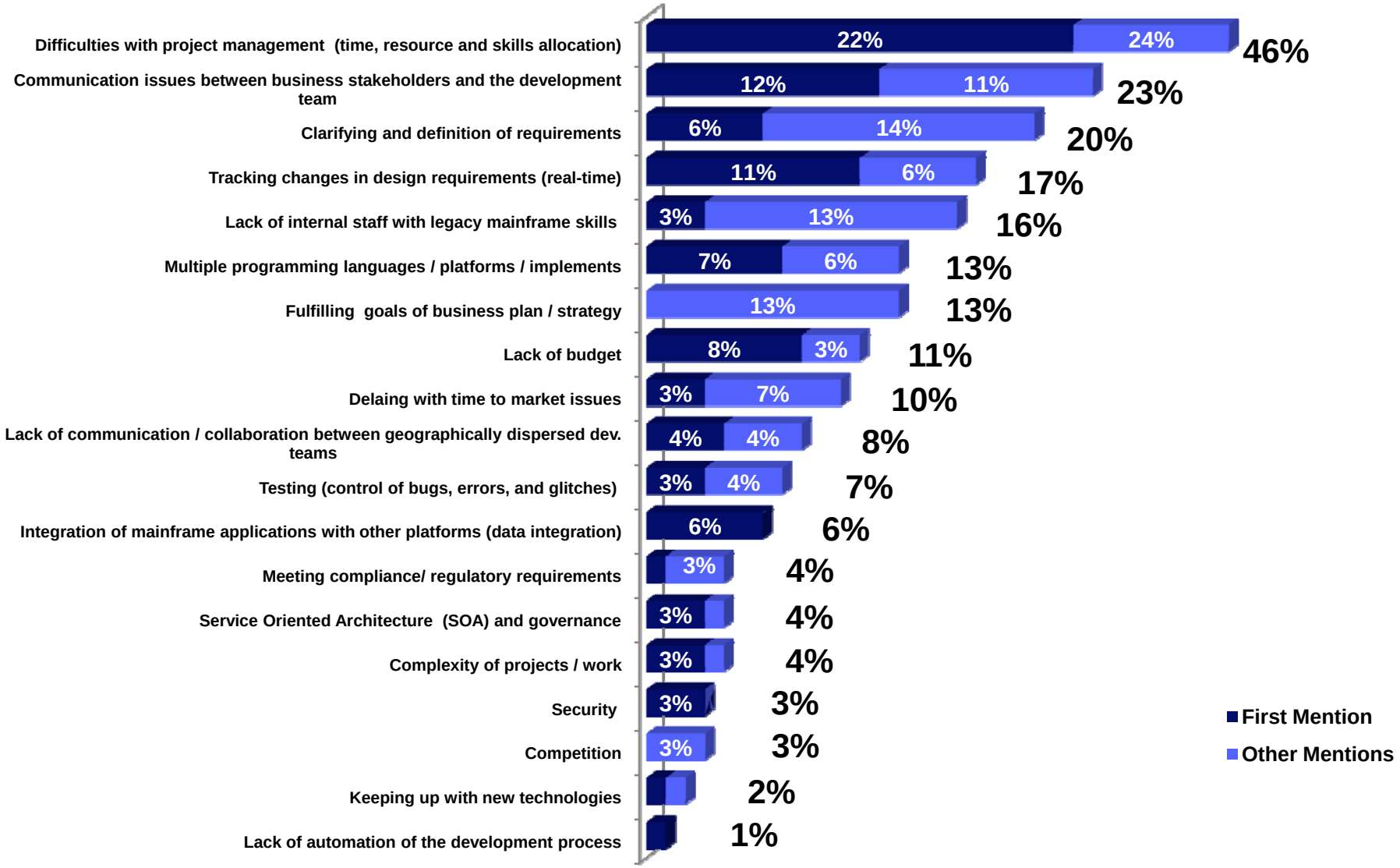
Extensive use
Deployed throughout the application development cycle.

Moderate use
Used in some stages of the application development cycle.

Planned use
Not currently in use, but usage is planned in the future.

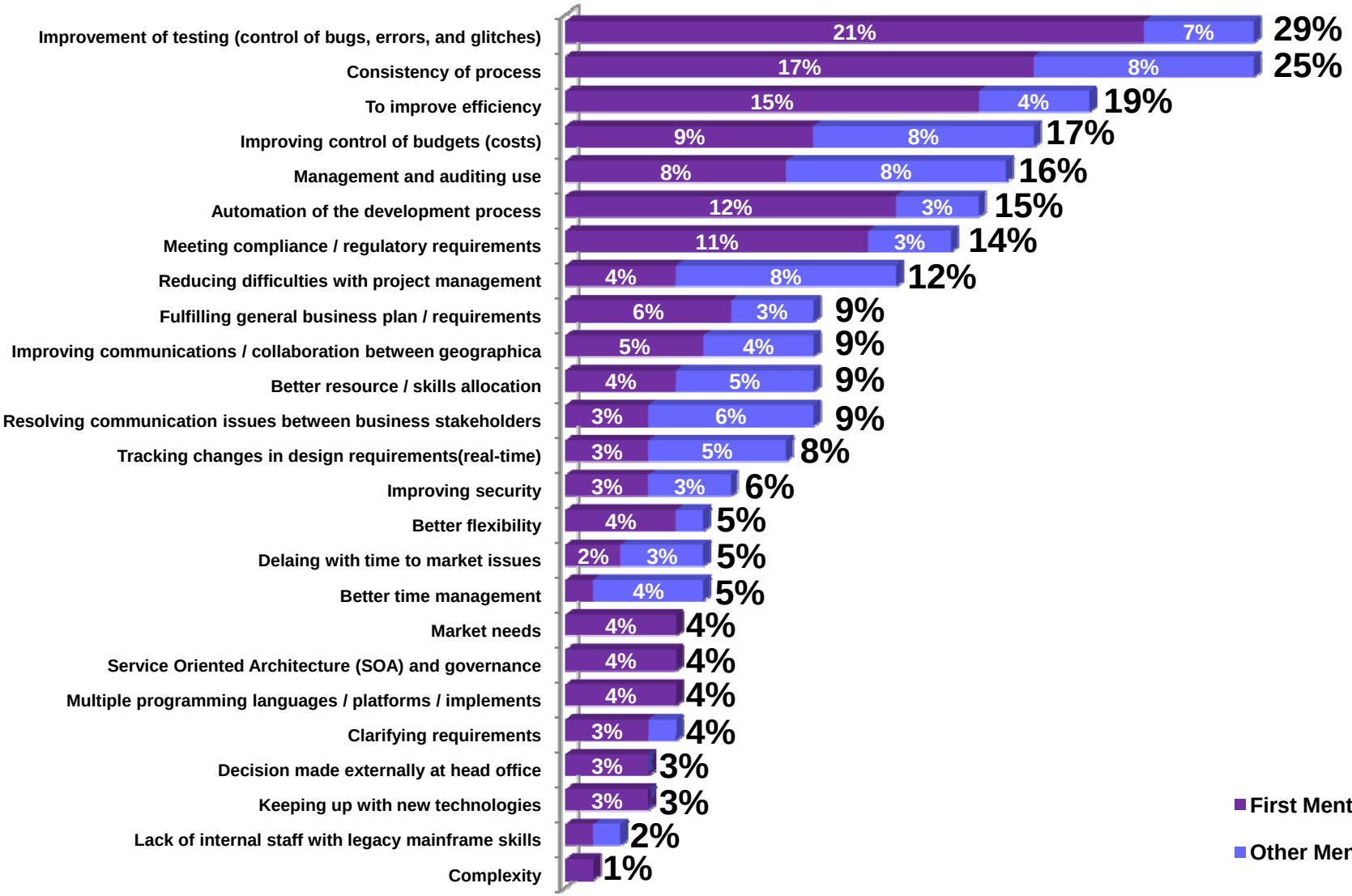
Key business issues and challenges in developing software

(Prompted, n=163)



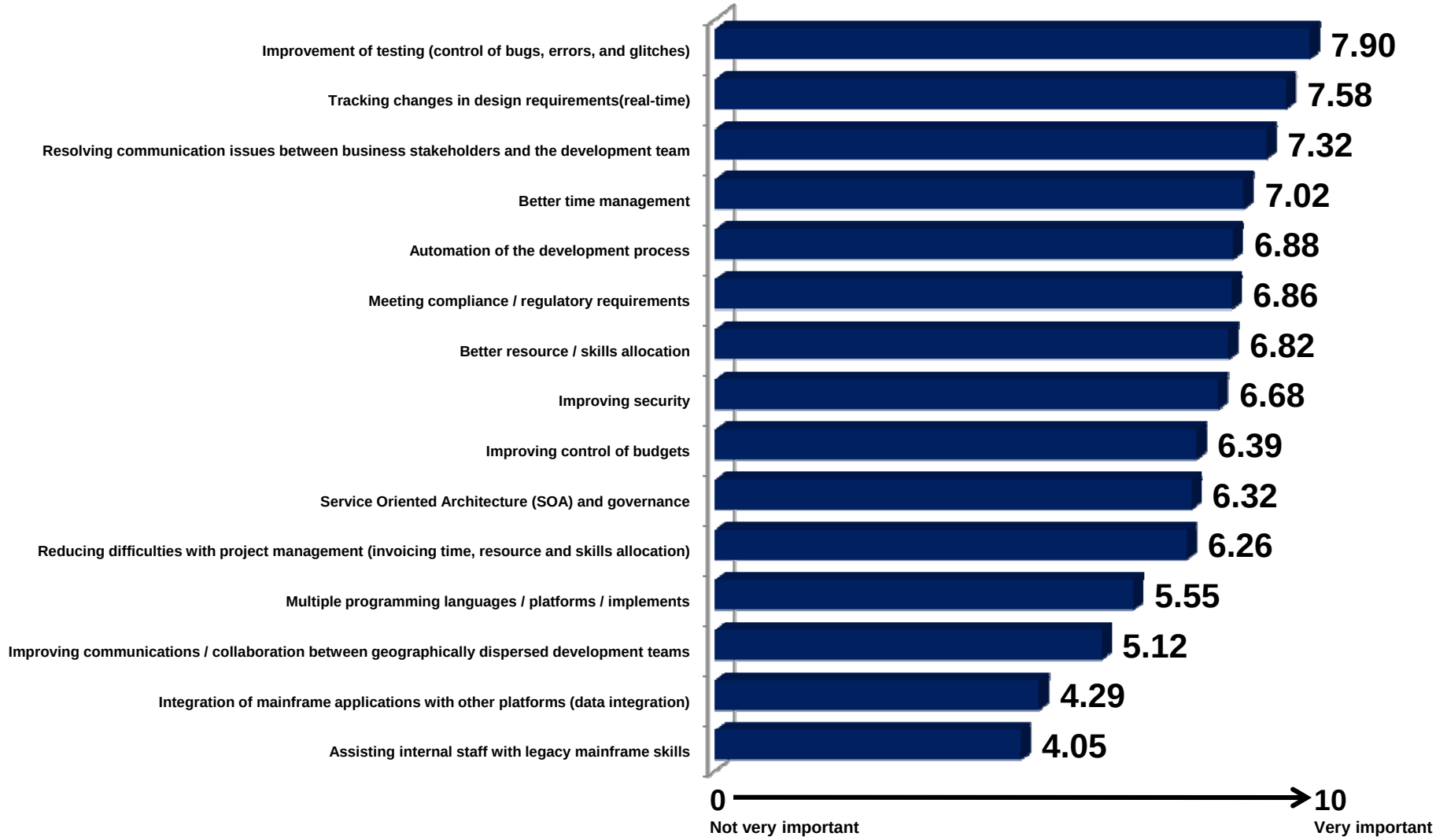
Drivers for deployment of ALMS

(Prompted, n=163)



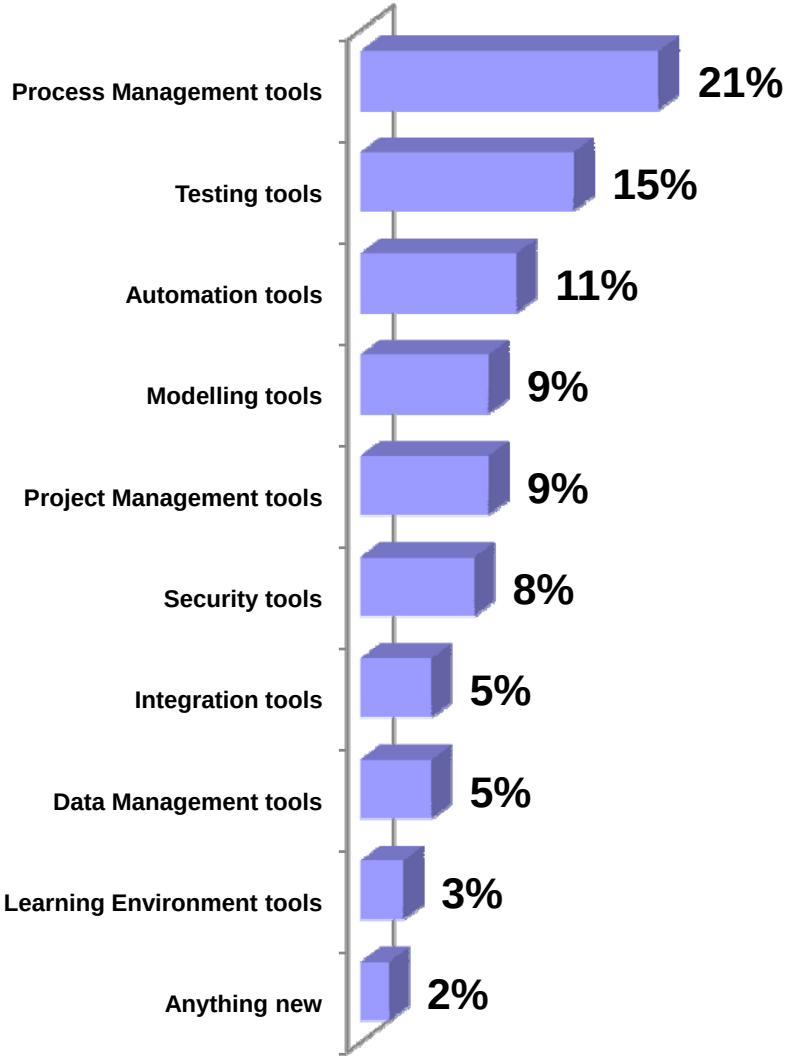
Importance of ALMS attributes

(Prompted, n=163)



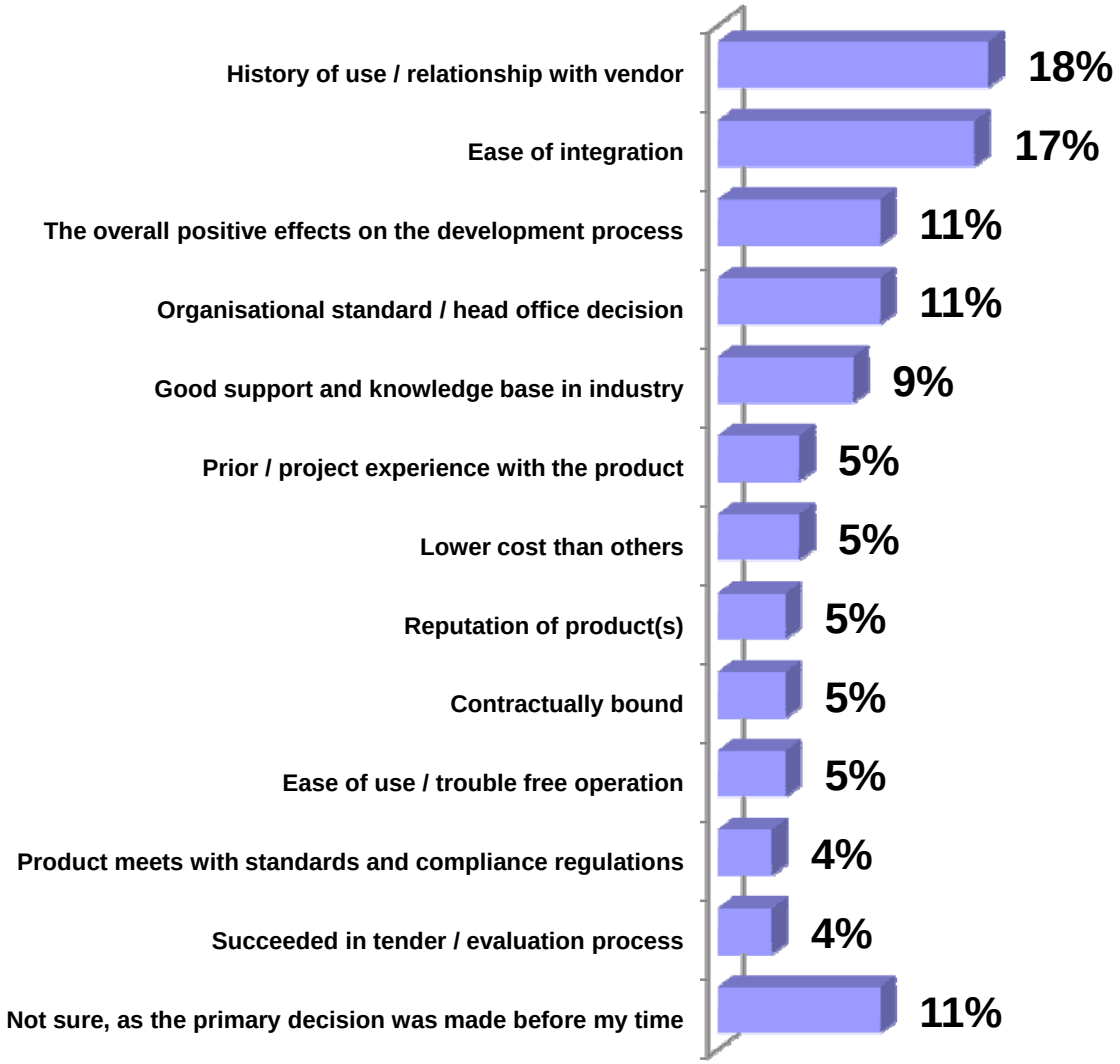
Type of ALMS tools under consideration for purchase in 2008

(Unprompted, n=98)



Main reason for choice of primary vendor of ALMS

(Prompted, n=111)



Other reasons (at 3% or less):

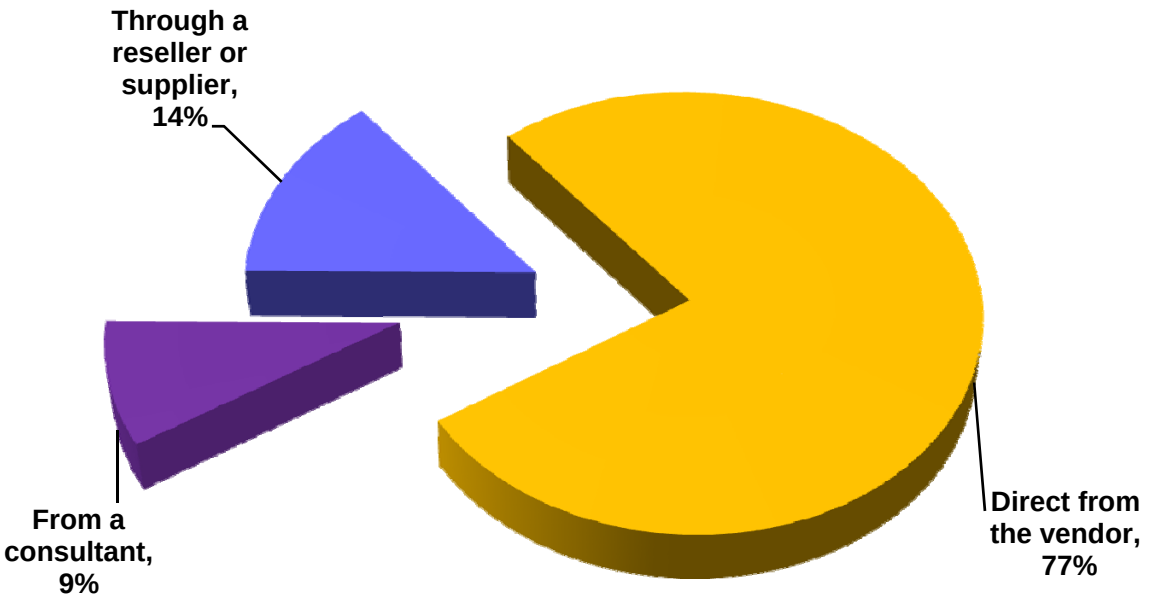
3%
Process was best fit with our development culture
Meets our business requirements
Based on project management performance
Product is made by an industry leader
Open source basis / foundation of product
Recommendation from business partners / community

2%
Vendor understands our needs well
Being vendors, we trust our vendor
Based on security performance
Scalability of the product
Easy to obtain / source

1%
Best features at time of purchase
Based on data handling performance
Low cost of support
Based on requirements handling performance
Quality of reporting outputs
Change and configuration management performance
Testing performance
Australian made product
Best value for money
Investment in skills already made at organisation

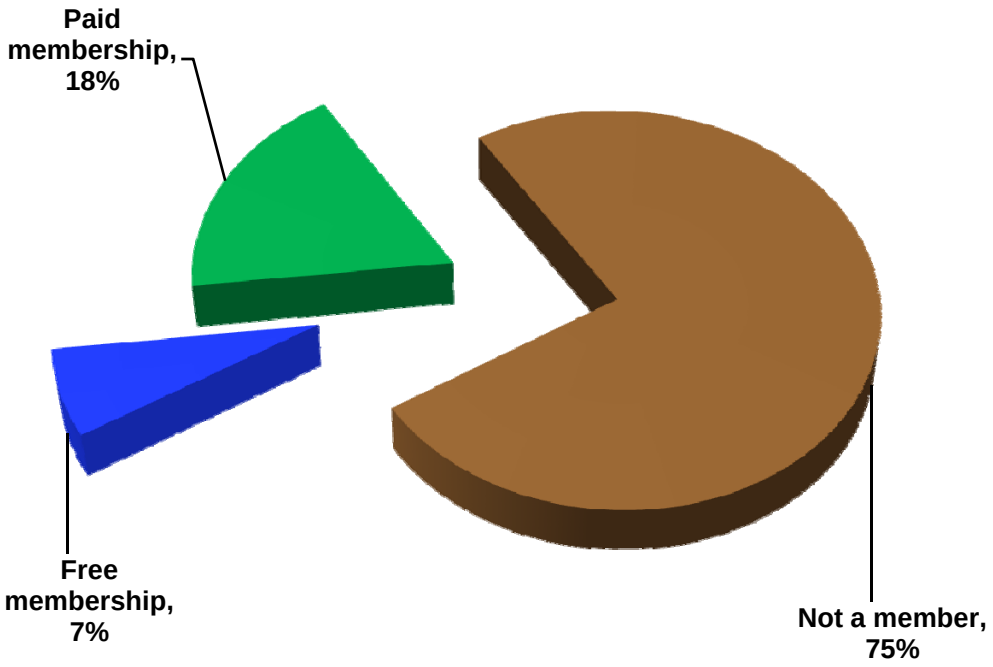
Typical source for ALMS

(Prompted, n=111)



Membership in developer programmes

(Prompted, n=163)



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The Software Development Leader

#1 Application Development Software

Clear leader for the seventh consecutive year — *Gartner, May 2008*

#1 Software Configuration Management

Widened lead: twice the market share of nearest competitor — *IDC, July 2007*

#1 Web Application Security

Market leader with Rational AppScan — *IDC, February 2008*

SAVE THE DATE!

Save the date for Australia's first Rational Software Development Conference!

WHERE TEAMS ARE R-HEROES

Executive Lunches:
October 28-30, 2008
Sydney, Melbourne, Canberra

Technical Streams:
Sydney: November 5-7, 2008

Conference highlights include:

- Executive Luncheons across Sydney, Melbourne and Canberra
- Showcasing 'Jazz' - The future of collaborative software development
- Australia's best SW delivery training and education
- 45 Technical Sessions across 4 Tracks
- Hands-On Workshops
- Access to IBM Technical Specialists
- Networking with leading executives and IT practitioners

For more information on the Rational Development Conference please contact:
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