

# 2009 Proposals TOC

## 2009 Proposals Table of Contents

This document is being drafted and may have some incorrect links. In addition, many proposals spawned more than one mail thread. We've tried to keep the link to the original proposal, and to any major follow up revisions. If there was more than one submission (revision) of the proposal, that will appear as "(V1) (V2)...(Vn)" in the "Thread" column.

The **search** link will run a search for the proposal's title on [Google custom search for Project Coin 2009](#), with priority in the search given to the mailing list contents.

## Proposals Accepted for Inclusion in JDK 7

On August 28, 2009, Joe Darcy announced the final selection of proposals accepted for JDK 7 in [this blog entry](#).

Two proposals, "Binary Literals" and "Underscores in Numbers" will be combined, possibly with additional support for unsigned literals.

Another two proposals, "Collection Literals" and "Indexing access syntax for Lists and Maps" will also be merged and included, "...assuming the technical problems are resolved." (Darcy)

Proposal	By	On	Thread
<a href="#">Strings in Switch (search)</a>	Joseph D. Darcy	February 27, 2009	<a href="#">Mail Thread</a>
<a href="#">Automatic Resource Management (search)</a>	Josh Bloch	February 27, 2009	<a href="#">Mail Thread</a>
<a href="#">Improved Type Inference for Generic Instance Creation (search)</a>	Jeremy Manson	February 28, 2009	<a href="#">Mail Thread</a>
<a href="#">Simplified Varargs Method Invocation (search)</a>	Bob Lee	March 6, 2009	<a href="#">Mail Thread (V1)(V2)</a>
<a href="#">Collection Literals (search)</a>	Joshua Bloch	March 30, 2009	<a href="#">Mail Thread</a>
<a href="#">Indexing access syntax for Lists and Maps (search)</a>	Shams Mahmood	March 30, 2009	<a href="#">Mail Thread</a>
<a href="#">Language support for JSR 292 (search)</a>	John Rose	March 28, 2009	<a href="#">Mail Thread</a>
<a href="#">Binary Literals (search)</a>	Derek Foster	March 25, 2009	<a href="#">Mail Thread (V1)(V2)</a>
<a href="#">Underscores in numbers (search)</a>	Derek Foster	March 31, 2009	<a href="#">Mail Thread</a>

## Additional Proposals

Proposal	By	On	Thread
<a href="#">Block Expressions for Java (search)</a>	Neal Gafter	February 28, 2009	<a href="#">Mail Thread</a>
<a href="#">Improved Exception Handling for Java (search)</a>	Neal Gafter	February 28, 2009	<a href="#">Mail Thread</a>
<a href="#">Improved Wildcard Syntax for Java (search)</a>	Neal Gafter	February 28, 2009	<a href="#">Mail Thread</a>
<a href="#">Multiline strings/String literals (search)</a>	Ruslan Shevchenko	March 1, 2009	<a href="#">Mail Thread (V1)(V2)</a>
<a href="#">Elvis and Other Null-Safe Operators (search)</a>	Stephen Colebourne	March 1, 2009	<a href="#">Mail Thread (V1)(V2)</a>
<a href="#">Import Aliases for Classes and Static Methods (search)</a>	Phil Varner	March 3, 2009	<a href="#">Mail Thread</a>
<a href="#">Lightweight Properties (search)</a>	David Goodenough	March 3, 2009	<a href="#">Mail Thread</a>
<a href="#">Static Methods in Interfaces (search)</a>	Reinier Zwitserloot	March 4, 2009	<a href="#">Mail Thread (V1)(V2)</a>
<a href="#">Multiple switch expressions and case ranges (search)</a>	Pinku Surana	March 5, 2009	<a href="#">Mail Thread</a>
<a href="#">Fold keyword (search)</a>	Gabriel Belingueres	March 5, 2009	<a href="#">Mail Thread</a>
<a href="#">Extend Scope of Imports to Include Package Annotations (search)</a>	Bruce Chapman	March 9, 2009	<a href="#">Mail Thread</a>
<a href="#">Enhanced String constructs for Java (search)</a>	Felix Frost	March 9, 2009	<a href="#">Mail Thread</a>
<a href="#">Method and Field Literals (search)</a>	Jesse Wilson	March 11, 2009	<a href="#">Mail Thread</a>
<a href="#">Embedded Expressions for String Statements (search)</a>	Stefan Schulz	March 15, 2009	<a href="#">Mail Thread</a>
<a href="#">Access to Generic Type Parameters at Compile-Time (search)</a>	David Walend	March 17, 2009	<a href="#">Mail Thread</a>
<a href="#">Named method parameters (search)</a>	Paul Martin	March 21, 2009	<a href="#">Mail Thread</a>
<a href="#">Enhanced for each loop iteration control (search)</a>	Stephen Colebourne	March 21, 2009	<a href="#">Mail Thread</a>

Simplified syntax for dealing with parameterized types. ( <a href="#">search</a> )	James Lowden	March 23, 2009	<a href="#">Mail Thread</a>
Compiletime information access ( <a href="#">search</a> )	Ruslan Shevchenko	March 24, 2009	<a href="#">Mail Thread</a>
@Unloadable Class defination ( <a href="#">search</a> )	Daniel Cheng	March 24, 2009	<a href="#">Mail Thread</a>
Large arrays ( <a href="#">search</a> )	James Lowden	March 24, 2009	<a href="#">Mail Thread (V1) , (V2)</a>
Auto-assignment Parameters ( <a href="#">search</a> )	Mark Mahieu	March 25, 2009	<a href="#">Mail Thread</a>
Unchecked Exceptions as Subclasses of Checked Exceptions ( <a href="#">search</a> )	Alan Snyder	March 25, 2009	<a href="#">Mail Thread (V1)(V2)(V3)</a>
Byte and Short Integer Literal Suffixes ( <a href="#">search</a> )	Bruce Chapman	March 25, 2009	<a href="#">Mail Thread</a>
Unsigned Integer Widening Operator ( <a href="#">search</a> )	Bruce Chapman	March 25, 2009	<a href="#">Mail Thread</a>
Return 'this' ( <a href="#">search</a> )	Marek Kozie	March 25, 2009	<a href="#">Mail Thread (V1)(V2)</a>
Narrow Hexadecimal and Binary Integer Literals ( <a href="#">search</a> )	Bruce Chapman	March 25, 2009	<a href="#">Mail Thread</a>
Improved Support for Optional Object Behaviors at Runtime ( <a href="#">search</a> )	,Alan Snyder	March 26, 2009	<a href="#">Mail Thread</a>
'final' without explicit type ( <a href="#">search</a> )	Marek Kozie	March 26, 2009	<a href="#">Mail Thread (V1)(V2)</a>
Language Escape Operator ( <a href="#">search</a> )	Bruce Chapman	March 26, 2009	<a href="#">Mail Thread</a>
'forget' keyword (beta) ( <a href="#">search</a> )	Marek Kozie	March 27, 2009	<a href="#">Mail Thread (V1)(V2)</a>
Using Ordinary Syntax for Reflective Method Invocations ( <a href="#">search</a> )	Alan Snyder	March 27, 2009	<a href="#">Mail Thread</a>
Type inference for variable definition/initialization using the 'auto' keyword ( <a href="#">search</a> )	Tim Lebedkov	March 28, 2009	<a href="#">Mail Thread</a>
Simplified StringBuffer/StringBuilder syntax ( <a href="#">search</a> )	Derek Foster	March 28, 2009	<a href="#">Mail Thread</a>
Simple Operator Overloading ( <a href="#">search</a> )	Ruslan Shevchenko	March 29, 2009	<a href="#">Mail Thread</a>
Conditional Statement ( <a href="#">search</a> )	Matt Mastracci	March 29, 2009	<a href="#">Mail Thread</a>
Enhanced while statement ( <a href="#">search</a> )	Marek Kozie	March 29, 2009	<a href="#">Mail Thread</a>
Abstract Enums ( <a href="#">search</a> )	Derek Foster	March 29, 2009	<a href="#">Mail Thread (V1)(V2)(V3)</a>
Open and close brace optional for single statement try, catch, finally, method declaration ( <a href="#">search</a> )	Glenn A.P. Marshall	March 30, 2009	<a href="#">Mail Thread</a>
Concise Collection Initialization Syntax ( <a href="#">search</a> )	Shams Mahmood	March 30, 2009	<a href="#">Mail Thread</a>
Allow the class literal of the surrounding class to be referenced with the 'class' keyword ( <a href="#">search</a> )	Peter Runge	March 30, 2009	<a href="#">Mail Thread</a>
Generic Specification by Method ( <a href="#">search</a> )	Ron Thomas	March 30, 2009	<a href="#">Mail Thread</a>
checked exception handling enhancement ( <a href="#">search</a> )	evildeathmath at yahoo.com	March 30, 2009	<a href="#">Mail Thread</a>
Rethrows Clause ( <a href="#">search</a> )	Mark Mahieu	March 30, 2009	<a href="#">Mail Thread</a>
Elided type specification for initialized final value declarations ( <a href="#">search</a> )	Mike Elliott	March 30, 2009	<a href="#">Mail Thread</a>
Templated Construction Expressions (i.e. Expressions Embedded in Strings) ( <a href="#">search</a> )	John Rose	March 30, 2009	<a href="#">Mail Thread</a>
Sameness operators/Equivalence Operators ( <a href="#">search</a> )	Derek Foster	March 31, 2009	<a href="#">Mail Thread (V1)(V2)(V3)(V4)</a>
Glue classes based on Extension Methods ( <a href="#">search</a> )	Marek Kozie	March 31, 2009	<a href="#">Mail Thread</a>
Accepting a subclass as an element type in a for loop ( <a href="#">search</a> )	Jean-Louis Ardoit	March 31, 2009	<a href="#">Mail Thread</a>
@OverrideAll annotation ( <a href="#">search</a> )	Gabriel Belingueres	March 31, 2009	<a href="#">Mail Thread</a>
Improved declaration using final keyword of internal method variables and for-loop statement ( <a href="#">search</a> )	Andrej Navodnik	March 31, 2009	<a href="#">Mail Thread</a>
Fast and accurate measurement of execution time ( <a href="#">search</a> )	Angelo Borsotti	April 13, 2009	<a href="#">Mail Thread</a>
Indexing access syntax for Lists and Maps ( <a href="#">search</a> )	Derek Foster	April 22, 2009	<a href="#">Mail Thread</a>
Allow a single-parameter method to be used as an infix operator ( <a href="#">search</a> )	Elias Ross	April 23, 2009	<a href="#">Mail Thread</a>
Underscores in Numbers (Version 2) ( <a href="#">search</a> )	Derek Foster	May 1, 2009	<a href="#">Mail Thread</a>
Enhanced for each loop iteration control ( <a href="#">search</a> )	Derek Foster	May 1, 2009	<a href="#">Mail Thread</a>
Improved Support for Optional Object Behaviors atRuntime ( <a href="#">search</a> )	Stefan Schulz	May 12, 2009	<a href="#">Mail Thread</a>
Byte and Short Integer Literal Suffixes ( <a href="#">search</a> )	Derek Foster	May 21, 2009	<a href="#">Mail Thread</a>
Concise declaration of JavaBeans properties ( <a href="#">search</a> )	Jan Kroken	June 25, 2009	<a href="#">Mail Thread</a>