

Cohort Laptop

Java _victoria-hinkle-moore

pull upstream master

push origin master

Submit your exercise work

Bitbucket

JPMC Tech Start

Repositories

Filter by: All Public

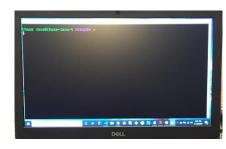
Repository

Java java-main

victoria-hinkle-moore

Cohort Repo: first-lastname

fork



Instructor Laptop

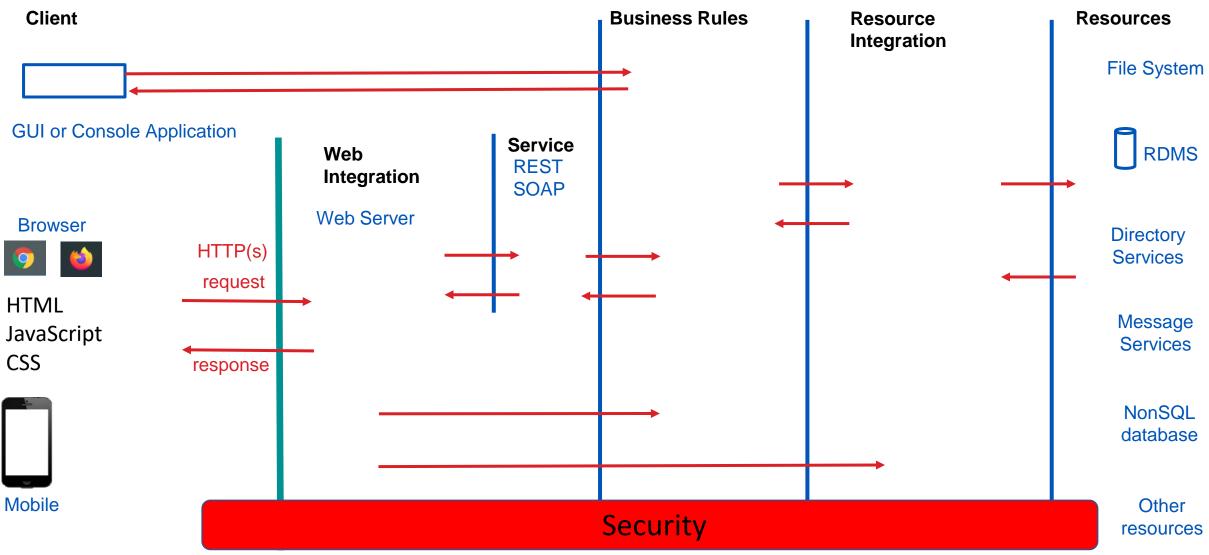


push origin master

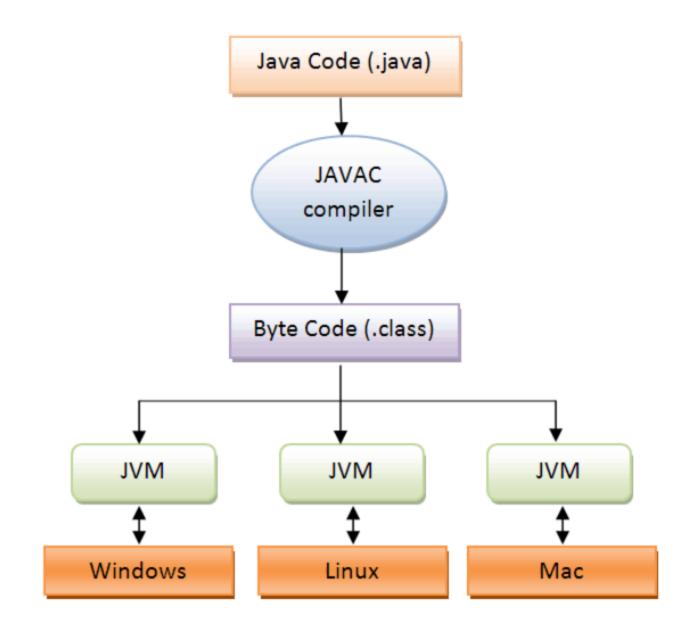
Daily Git Commands

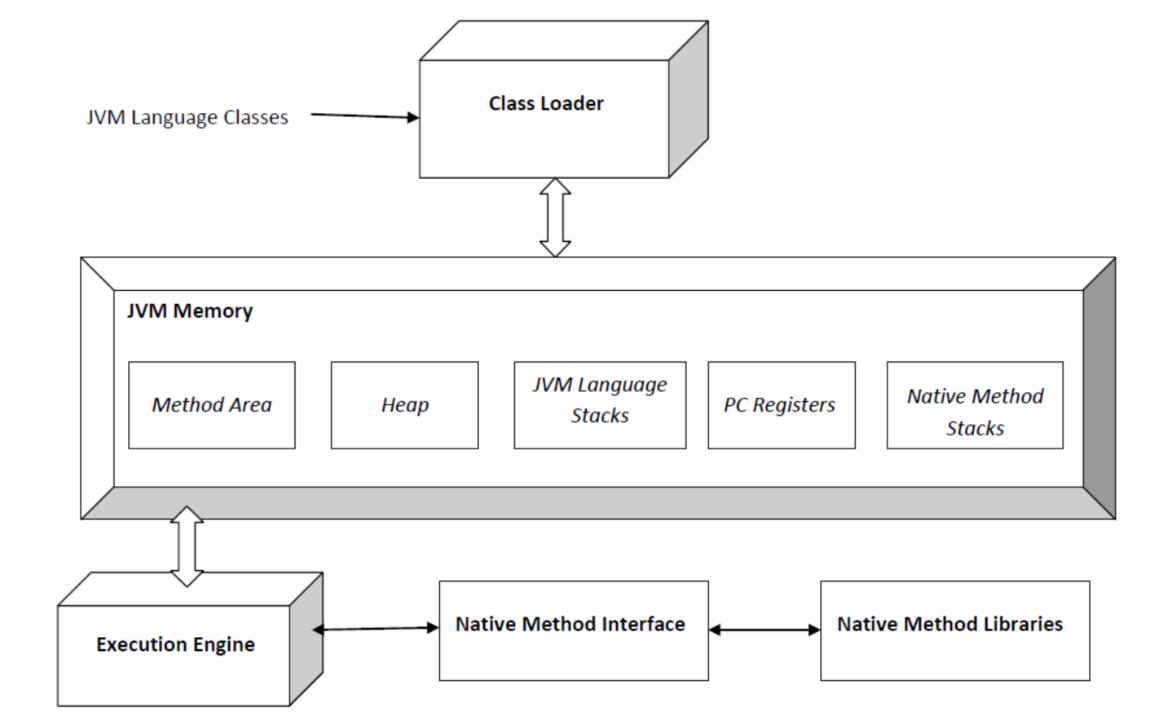
- Execute the git commands from the directory top of your repository
 - Current directory should be your-name folder inside your workspace folder
- Git Commands to Pull Daily Work From BitBucket
 - git pull upstream master
- Git Commands to Push Your Work To BitBucket
 - git add -A
 - git commit -m "with message"
 - git push origin master

Application Architecture



Authentication, Authorization, Encryption, CORS, Injection, ...





TYPE	DESCRIPTION	DEFAULT	SIZE	EXAMPLE LITERALS	RANGE OF VALUES
boolean	true or false	false	1 bit	true, false	true, false
byte	twos complement integer	0	8 bits	(none)	-128 to 127
char	unicode character	\u0000	16 bits	'a', '\u0041', '\101', '\\', '\','\n',' β'	character representation of ASCII values 0 to 255
short	twos complement integer	0	16 bits	(none)	-32,768 to 32,767
int	twos complement integer	0	32 bits	-2, -1, 0, 1, 2	-2,147,483,648 to 2,147,483,647
long	twos complement integer	0	64 bits	-2L, -1L, 0L, 1L, 2L	-9,223,372,036,854,775,808 to 9,223,372,036,854,775,807
float	IEEE 754 floating point	0.0	32 bits	1.23e100f, -1.23e-100f, .3f, 3.14F	upto 7 decimal digits
double	IEEE 754 floating point	0.0	64 bits	1.23456e300d, -1.23456e-300d, 1e1d	upto 16 decimal digits

Operator Precedence

Operators	Precedence			
postfix	expr++ expr			
unary	++exprexpr +expr -expr ~ !			
multiplicative	* / %			
additive	+ -			
shift	<< >> >>>			
relational	< > <= >= instanceof			
equality	== !=			
bitwise AND	&			
bitwise exclusive OR	^			
bitwise inclusive OR				
logical AND	& &			
logical OR				
ternary	?:			
assignment	= += -= *= /= %= &= ^= = <<= >>>=			

Precedence	Operator	Type	Associativity
15 []		Parentheses Array subscript Member selection	Left to Right
14	**	Unary post-increment Unary post-decrement	Right to left
13	++ - + ! - (type)	Unary pre-increment Unary pre-decrement Unary plus Unary minus Unary logical negation Unary bitwise complement Unary type cast	Right to left
12	/ %	Multiplication Division Modulus	Left to right
11	+	Addition Subtraction	Left to right
10	<c >> >>></c 	Bitwise left shift Bitwise right shift with sign extension Bitwise right shift with zero extension	Left to right
9	< <= > >= instanceof	Relational less than Relational less than or equal Relational greater than Relational greater than or equal Type comparison (objects only)	Left to right
8	== !=	Relational is equal to Relational is not equal to	Left to right
7	8:	Bitwise AND	Left to right
6	Α.	Bitwise exclusive OR	Left to right
5		Bitwise inclusive OR	Left to right
4	88	Logical AND	Left to right
3	- 11	Logical OR	Left to right
2	?:	Ternary conditional	Right to left
1	= += -= *= /= 96=	Assignment Addition assignment Subtraction assignment Multiplication assignment Division assignment Modulus assignment	Right to left

Logical operator table

The following table sums up the different logical operators:

Α	В	!A	A && B	A B	A ^ B
TRUE	TRUE	FALSE	TRUE	TRUE	FALSE
TRUE	FALSE	FALSE	FALSE	TRUE	TRUE
FALSE	TRUE	TRUE	FALSE	TRUE	TRUE
FALSE	FALSE	TRUE	FALSE	FALSE	FALSE

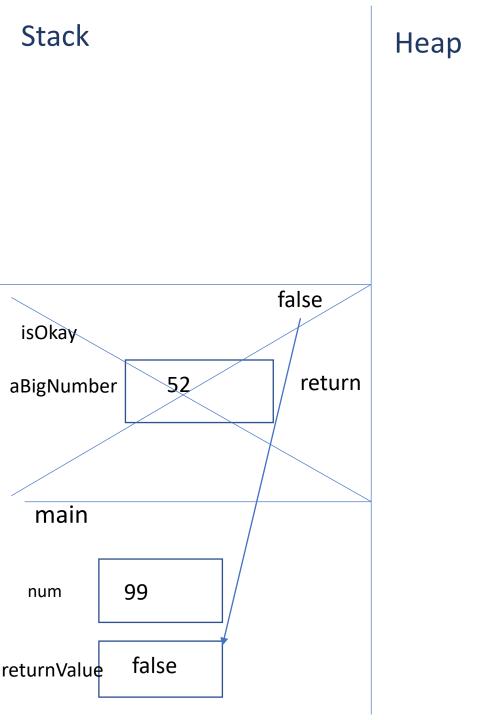
return datatype method name **Anatomy of a Method** primitive reference (Classname, ...) public int returnNotOne(int number, Customer customer) void // statements – end with a semi colon method arguments // blocks – conditional and looping return number + 1; datatype argName block for concrete method

modifiers (others include static and final)

scope

- private class itself
- default (no modifier) plus other classes in same package
- protected plus subclasses in another package
- public plus all other classes

Stack	Неар	Static Heap
main		



Static Heap		

