

LAMBDA EXPRESSIONS

Lambda Expression:

LambdaParameters -> LambdaBody

tipo método (...);

The diagram illustrates the mapping of a lambda expression to a typed method signature. It features two lines that cross each other. The first line starts at the text 'LambdaParameters ->' and points to the word 'tipo' in the signature 'tipo método (...);'. The second line starts at the text 'LambdaBody' and points to the ellipsis '...' in the same signature. This visualizes how the parameters of a lambda expression correspond to the type of a method, and the body of the lambda expression corresponds to the method's implementation.

Lambda Expression:
LambdaParameters -> LambdaBody



(lista de parámetros separados por ,)

- Los paréntesis son opcionales si solo hay un parámetro
- Especificar el tipo de los parámetros es opcional

Lambda Expression: *LambdaParameters -> LambdaBody*

(a, b) -> a + b

```
(a, b) -> {  
    if (a < 0) {  
        return 0;  
    }  
    return a + b;  
}
```

- Expresión simple
- bloque de sentencias

- Entre llaves
- Necesita incluir el return

Ejemplos de lambda expressions

Método abstract	lambda expression
<code>int m (int a, int b)</code>	<code>(a, b) -> a</code> <code>(int a, int b) -> a</code>
<code>int m (int a)</code>	<code>(a) -> a</code> <code>a -> a</code> <code>a -> { return a; }</code>
<code>int m ()</code>	<code>() -> 5</code>
<code>void m (int b)</code>	<code>(a) -> {}</code>