

# Programación 4

## Informe del Modelo de Diseño

### **Grupo 21** Integrantes

Giuliano Kuns  
Rodrigo Negreya  
Ruben Silveira  
José Antonio Esteche Ferreira

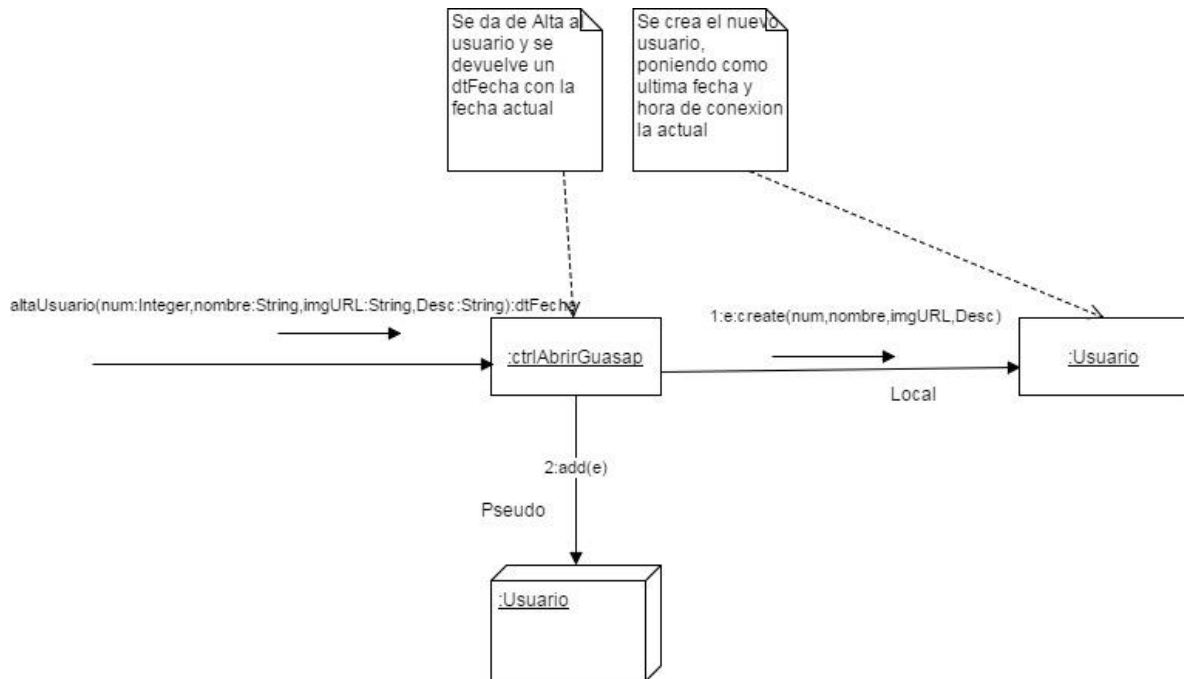
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Docente: Carmela Beiro

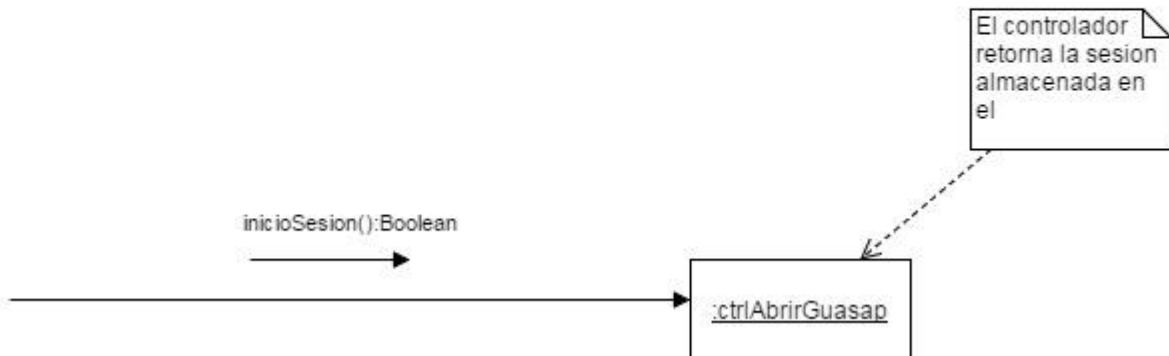
## Diagramas de comunicación

En esta sección se presenta el diagrama de comunicación de la operación indicada y un detalle de la asignación de responsabilidades correspondientes al diagrama.

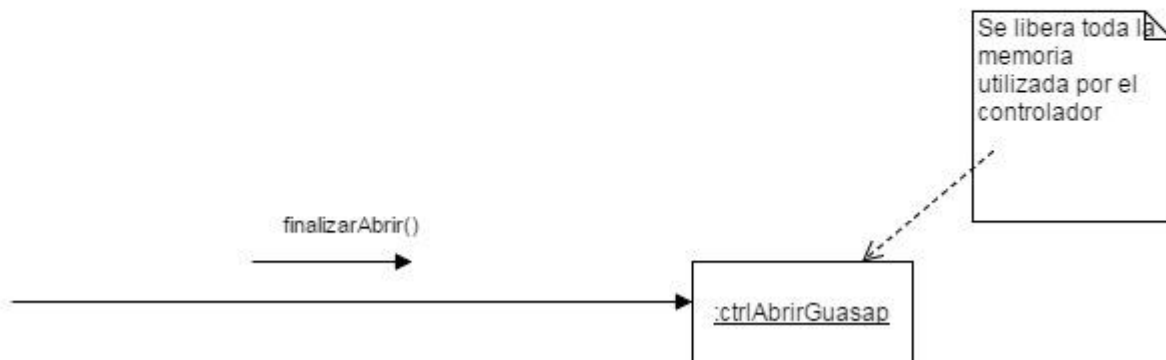
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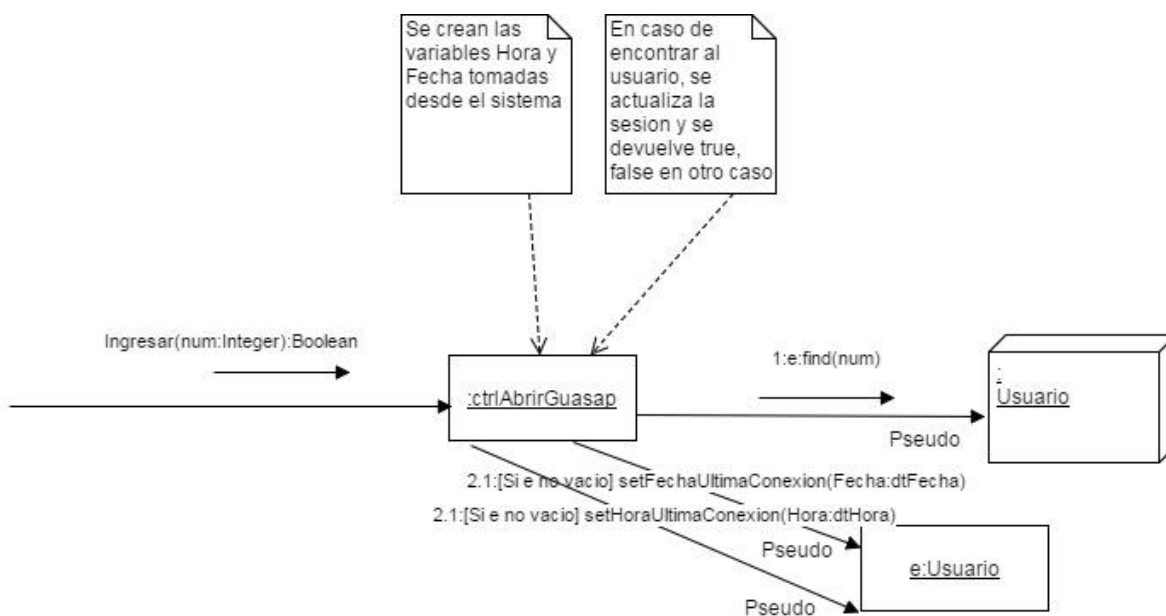
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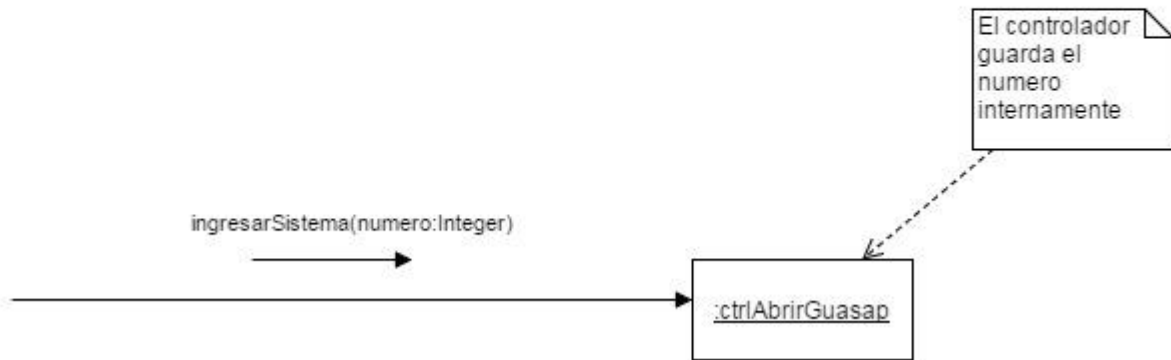
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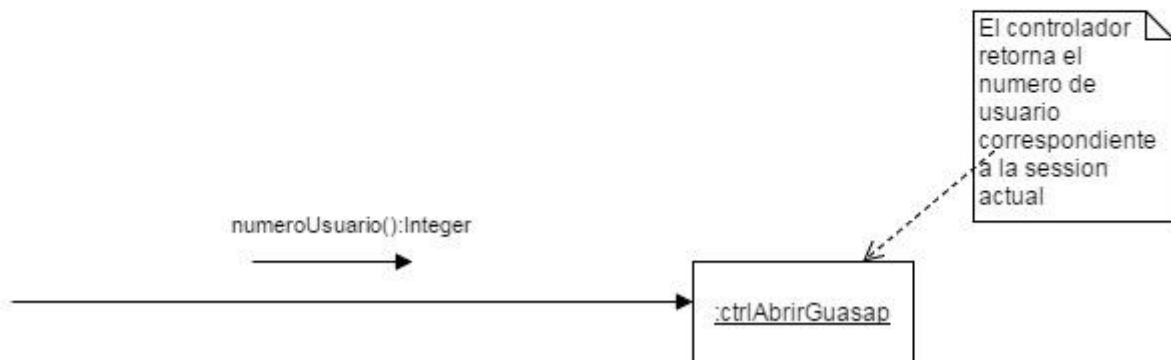
ingresar:



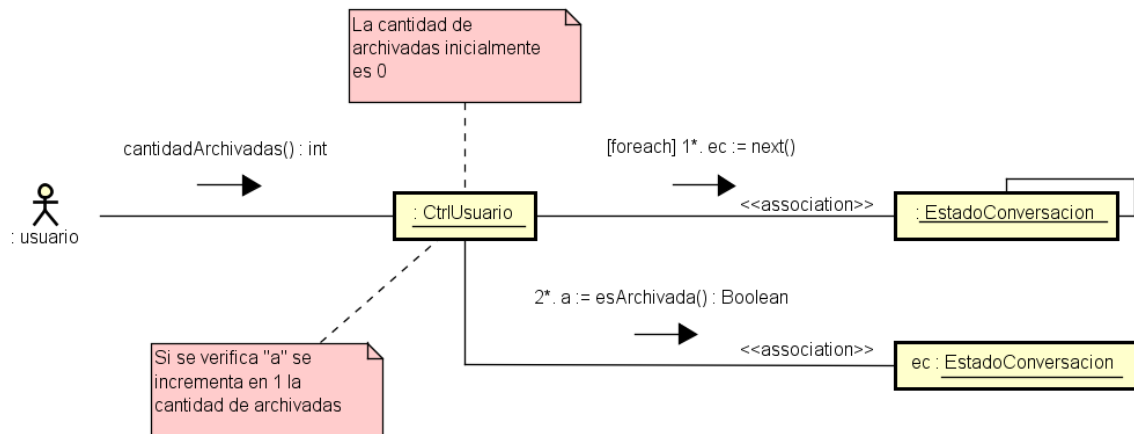
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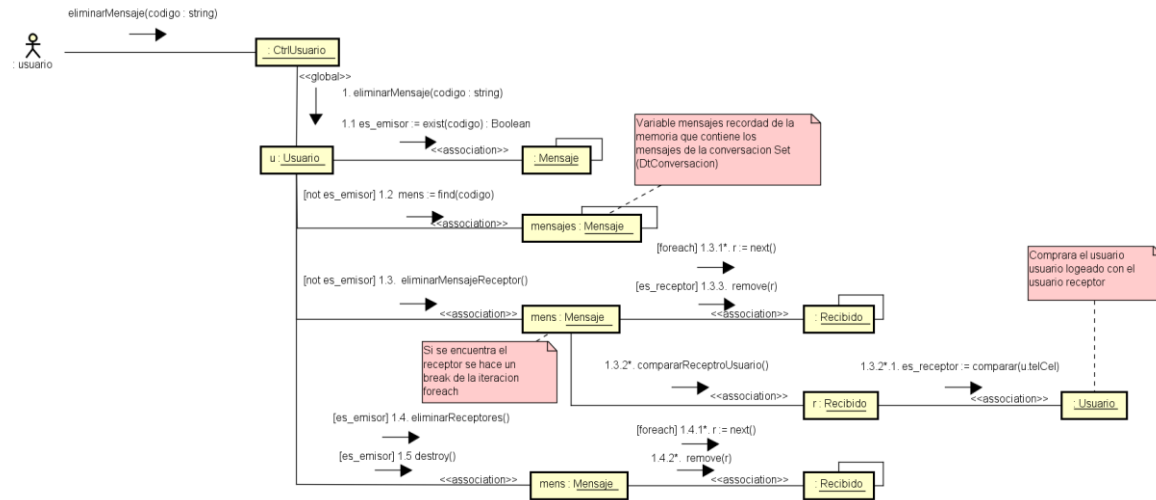
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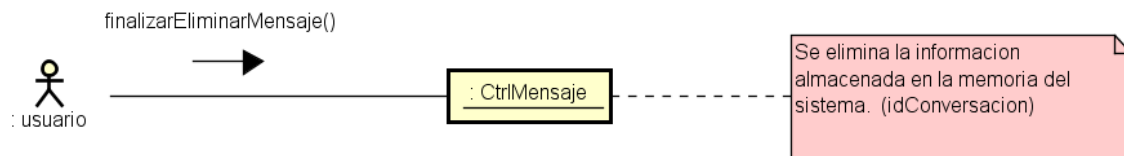
cantidadArchivadas:



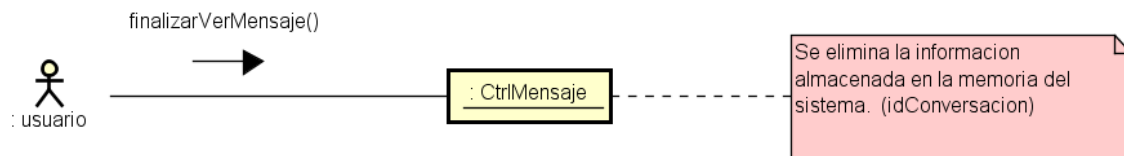
### eliminarMensaje:



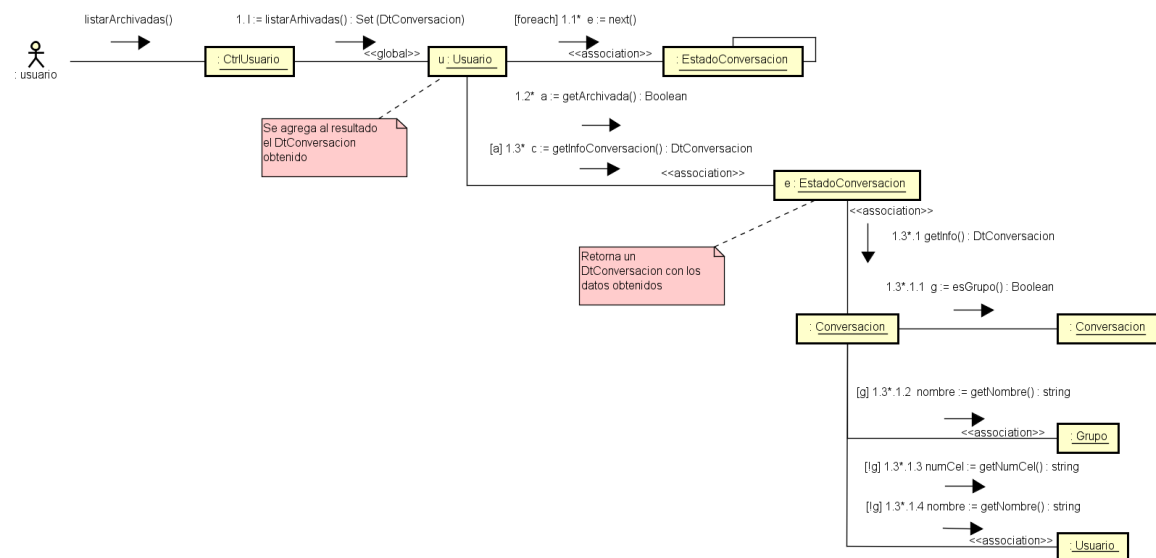
### finalizarEliminarMensaje:



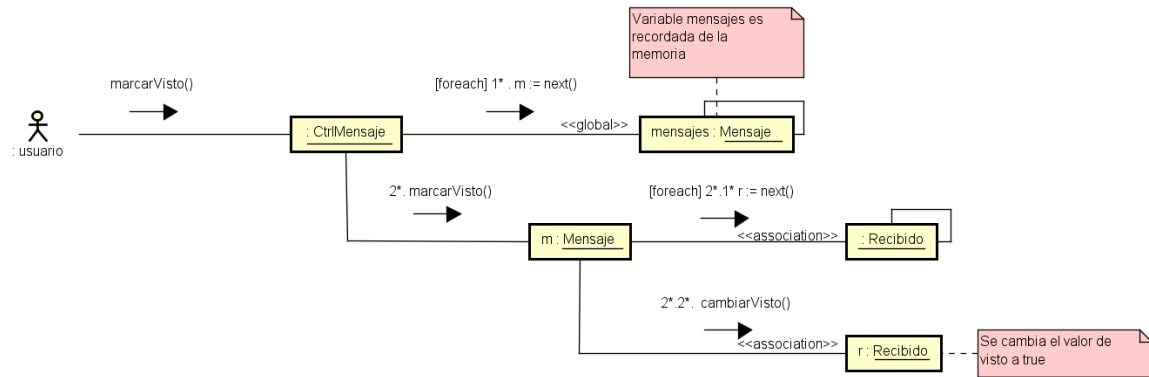
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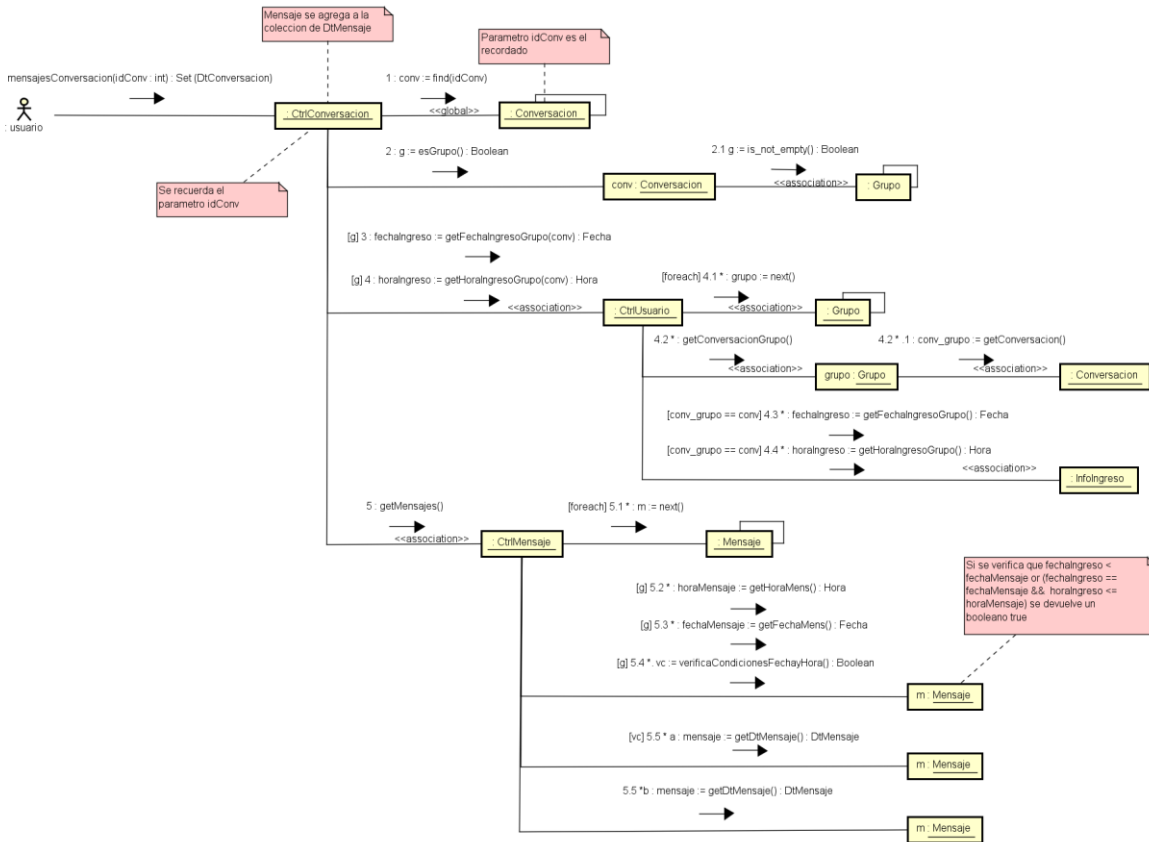
### listarArchivadas:



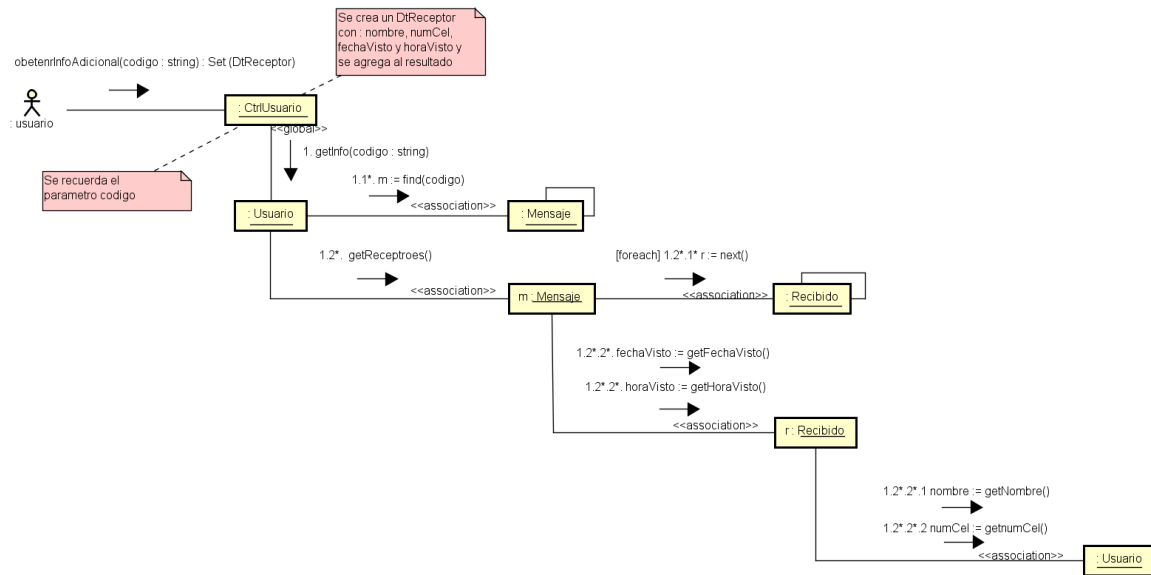
## marcarVisto:



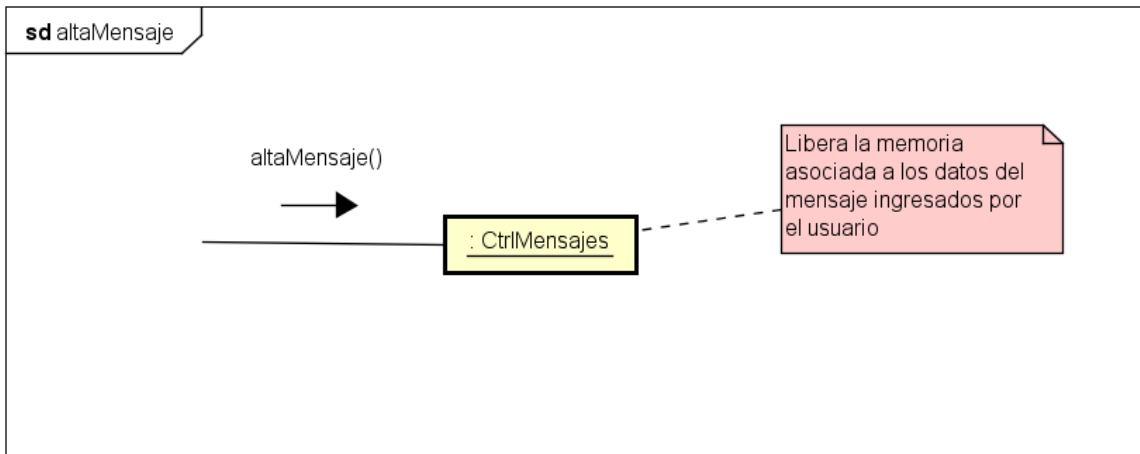
## mensajeConversacion:



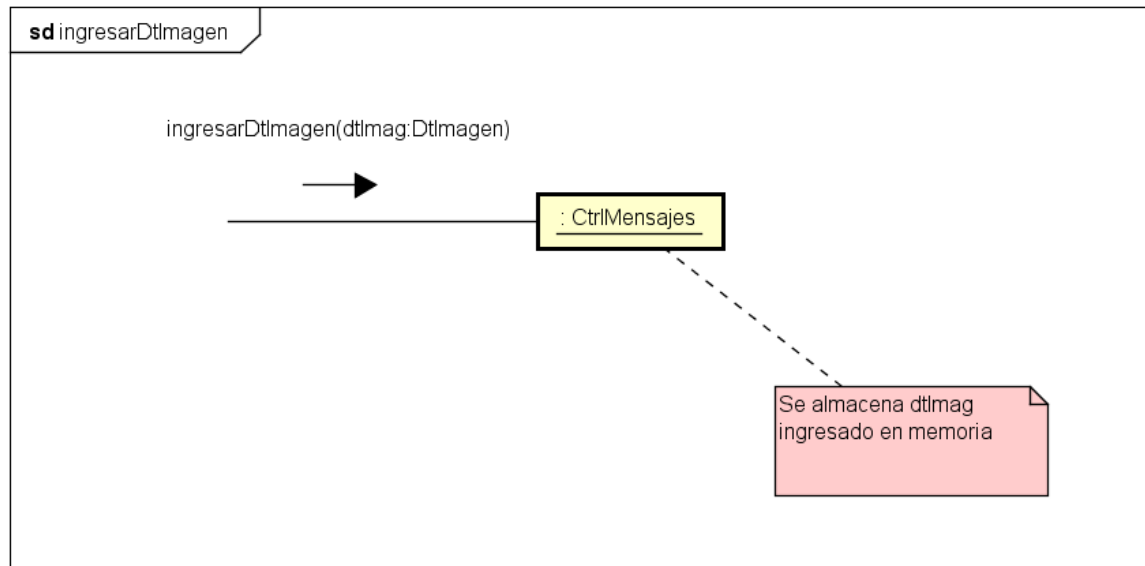
## obtenerInfoAdicional:



## altaMensaje:

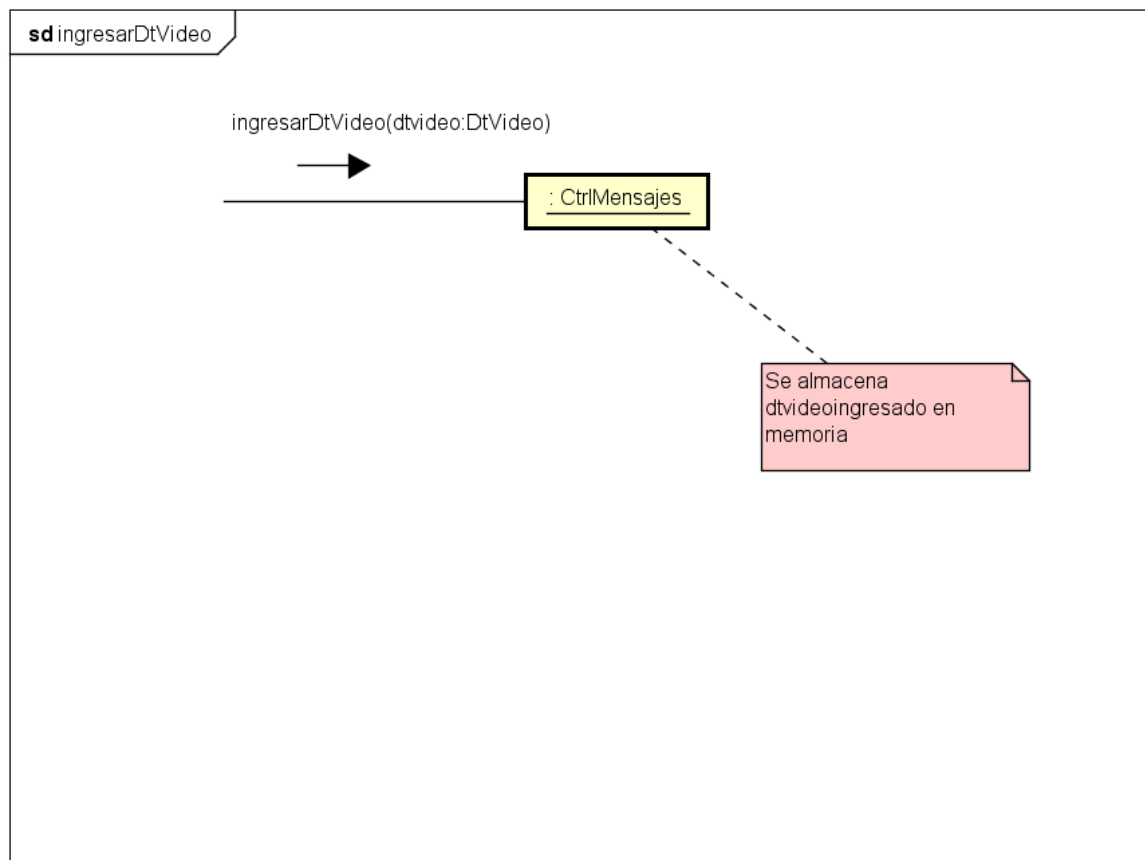


ingresarDtImagen:



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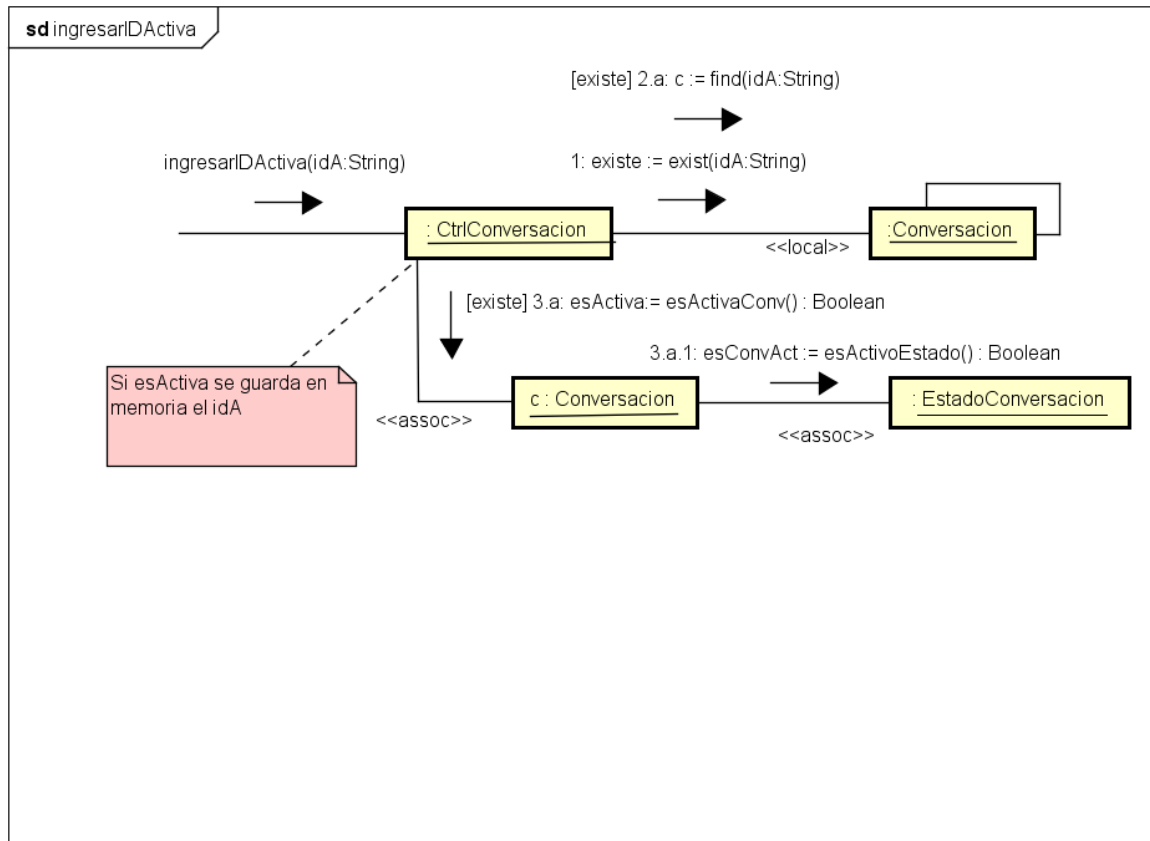
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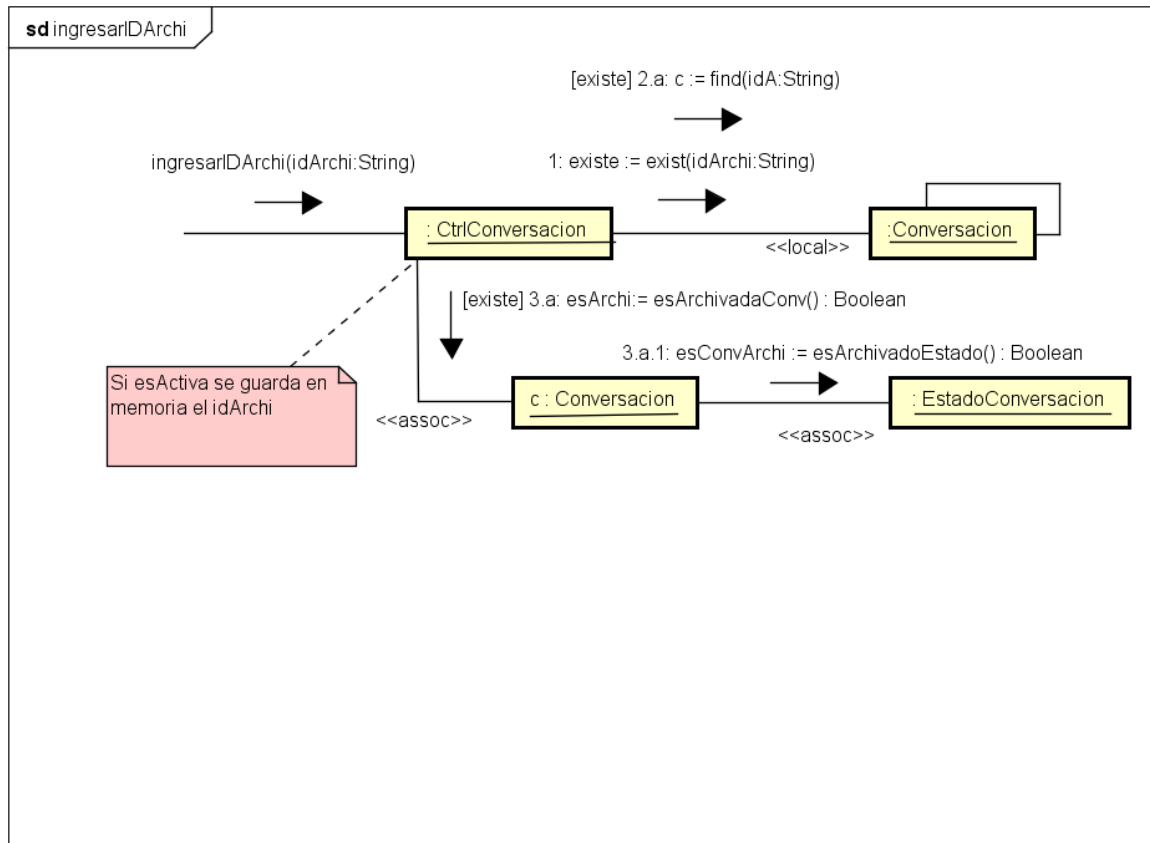


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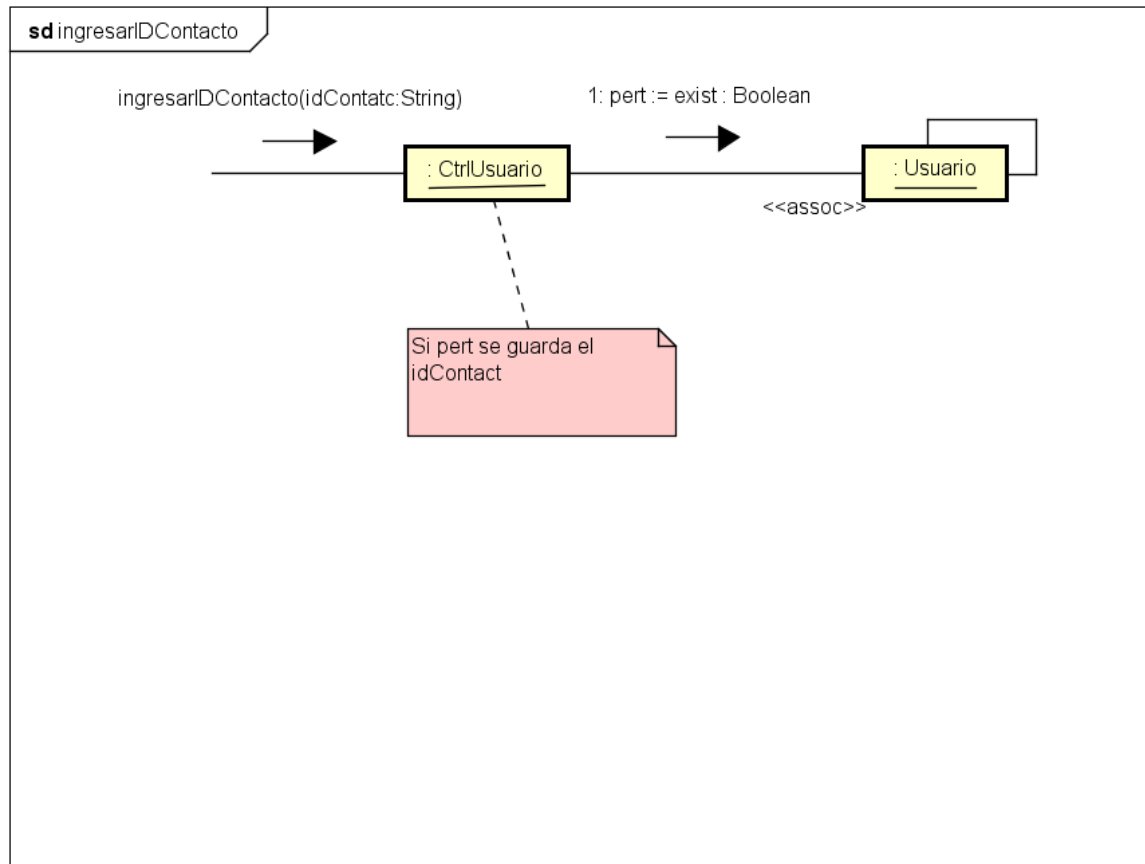


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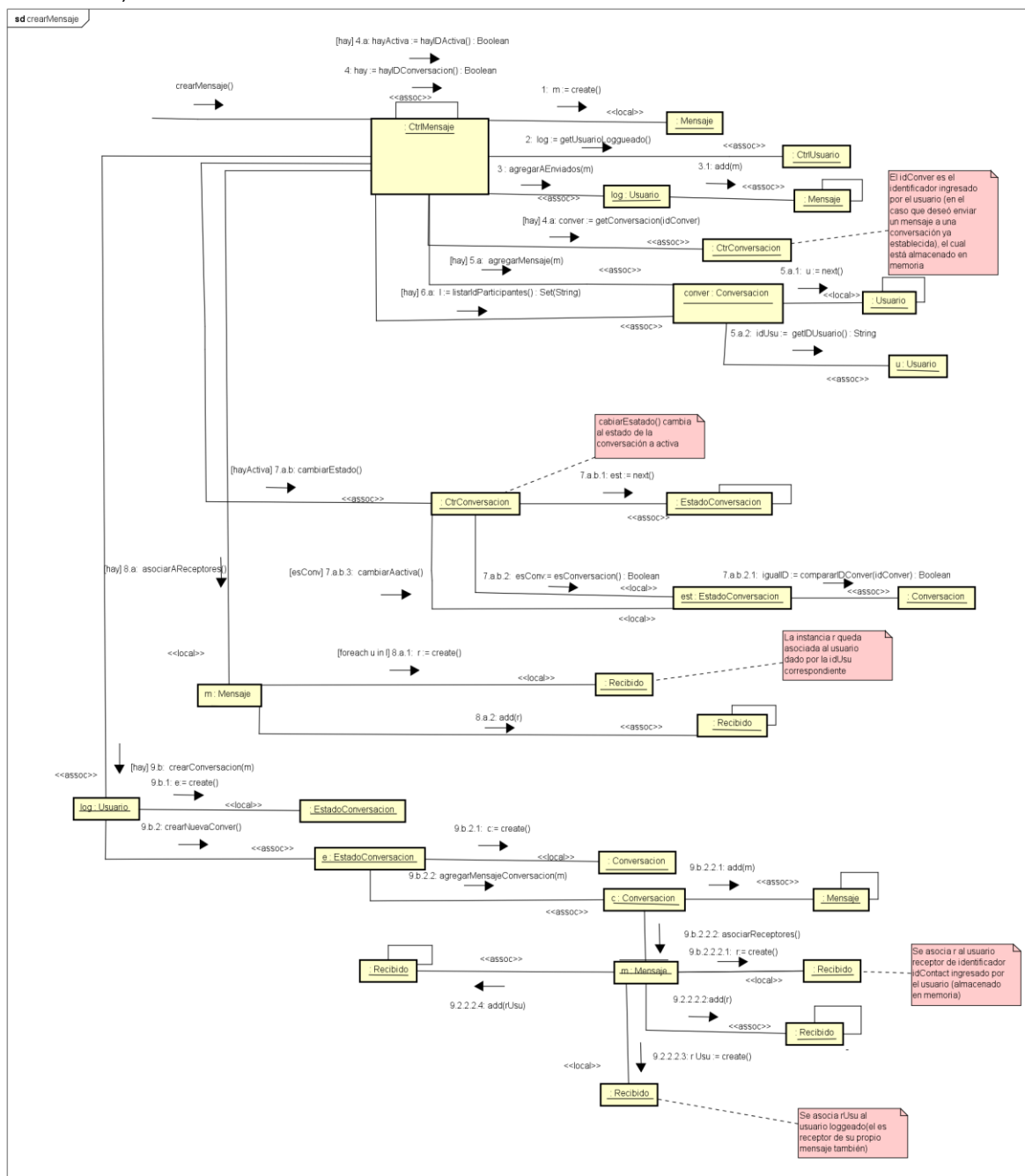


ingresarIDContacto:

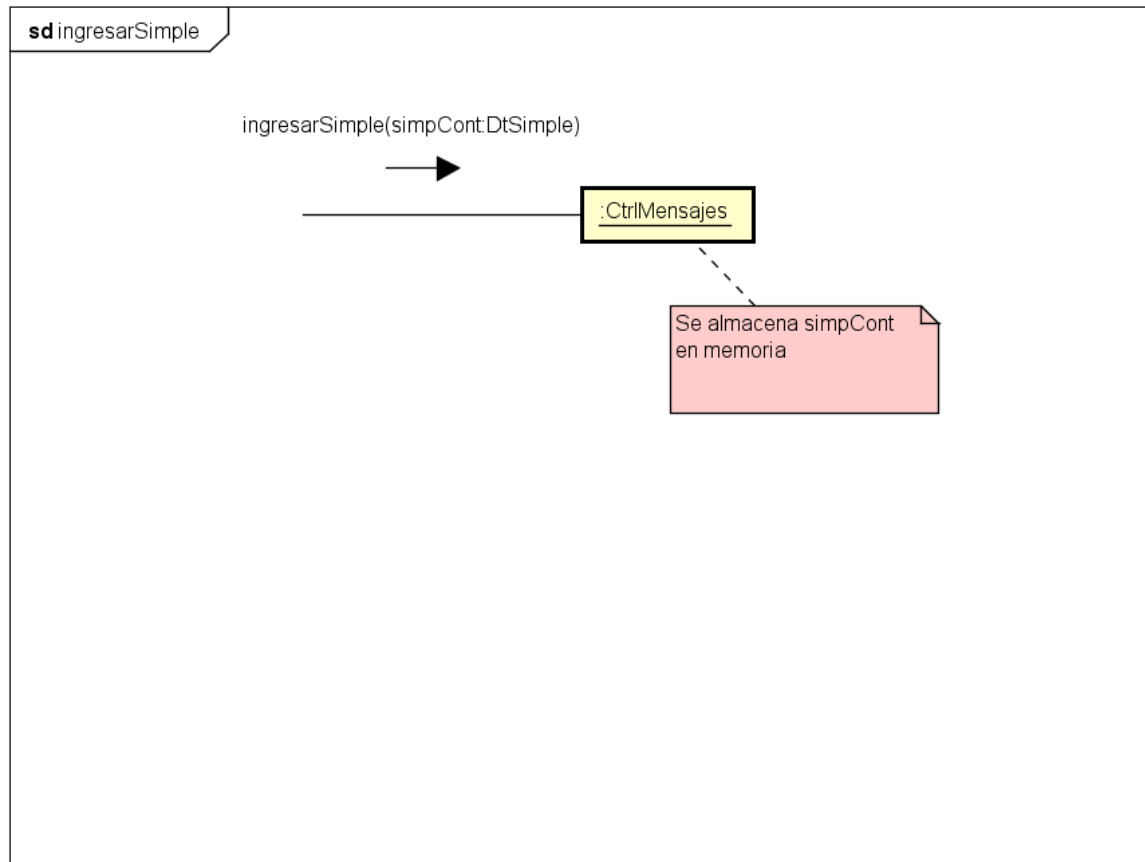


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## crearMensaje:

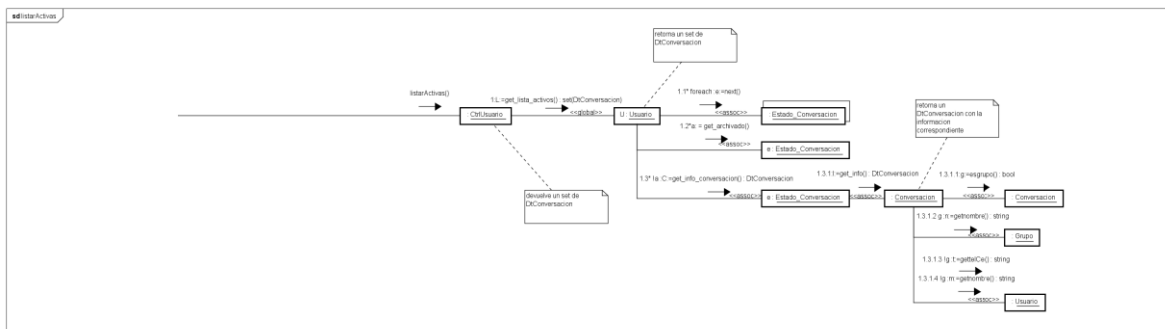


ingresarSimple:



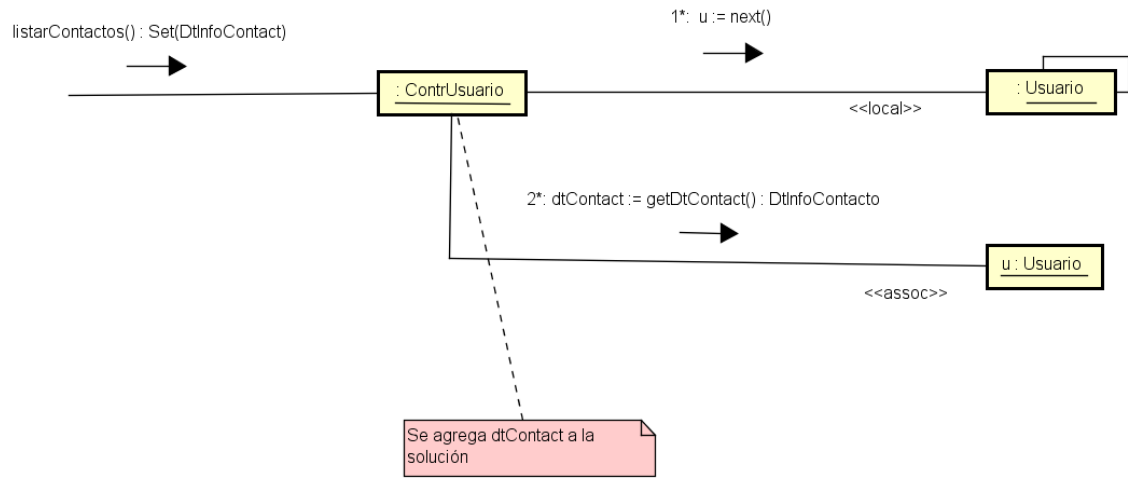
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listarActivas:



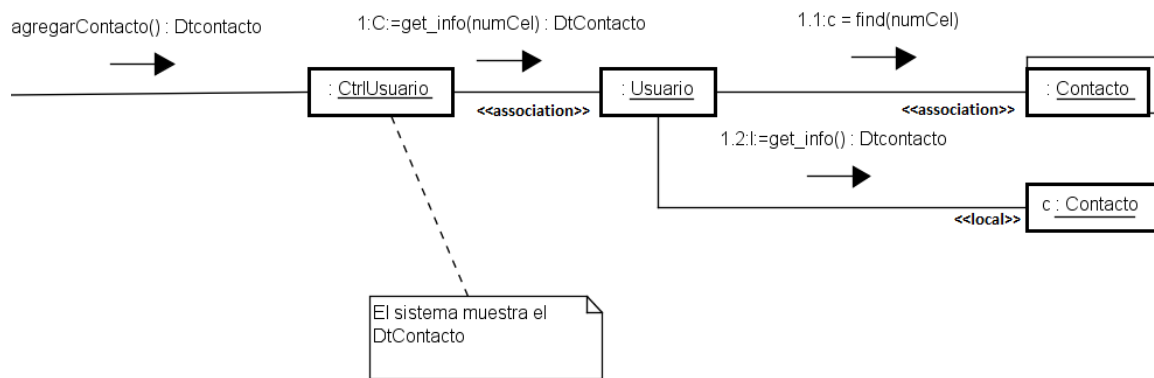
powered by Astah

### listarContactos:

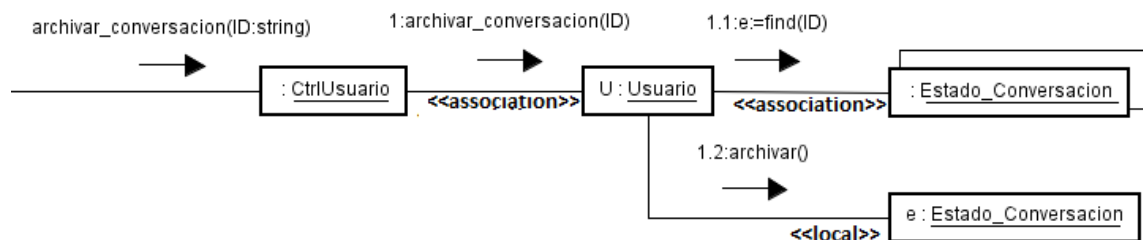


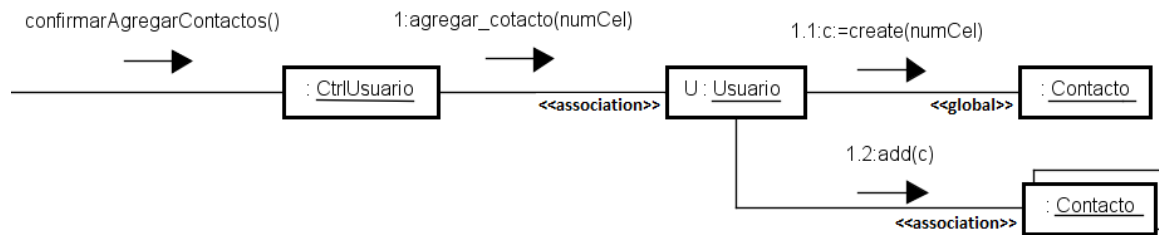
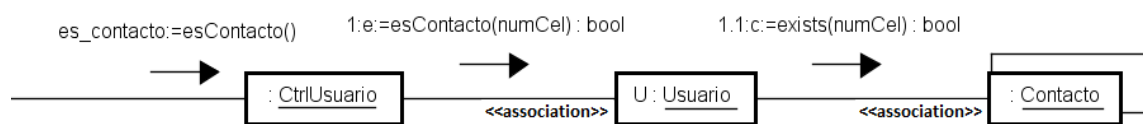
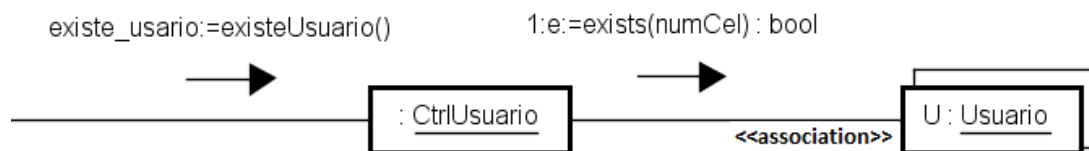
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### agregarContacto:

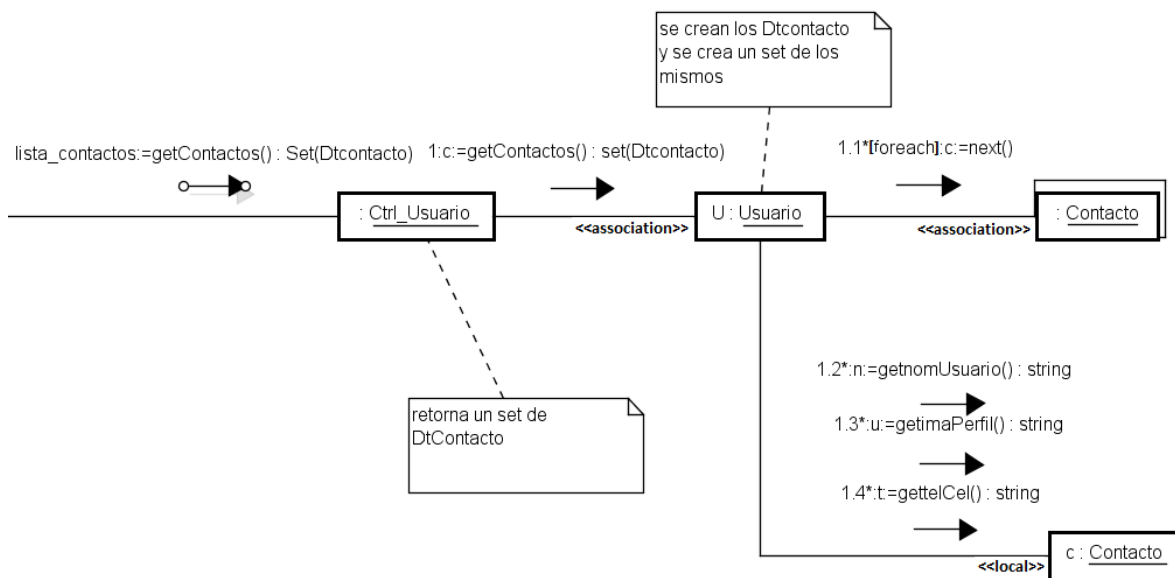
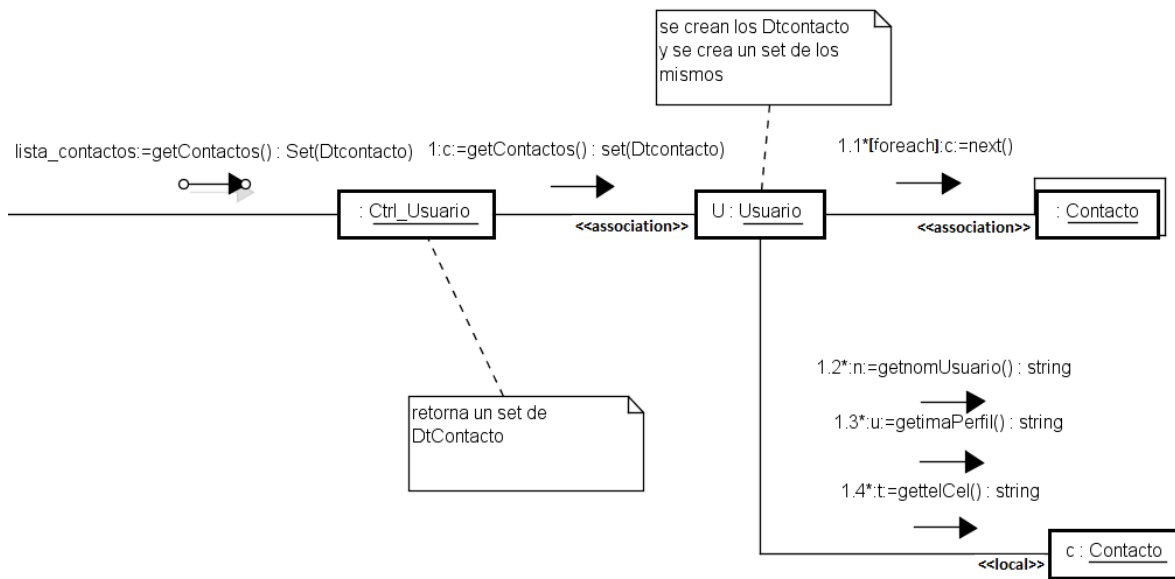


### archivar\_conversacion:



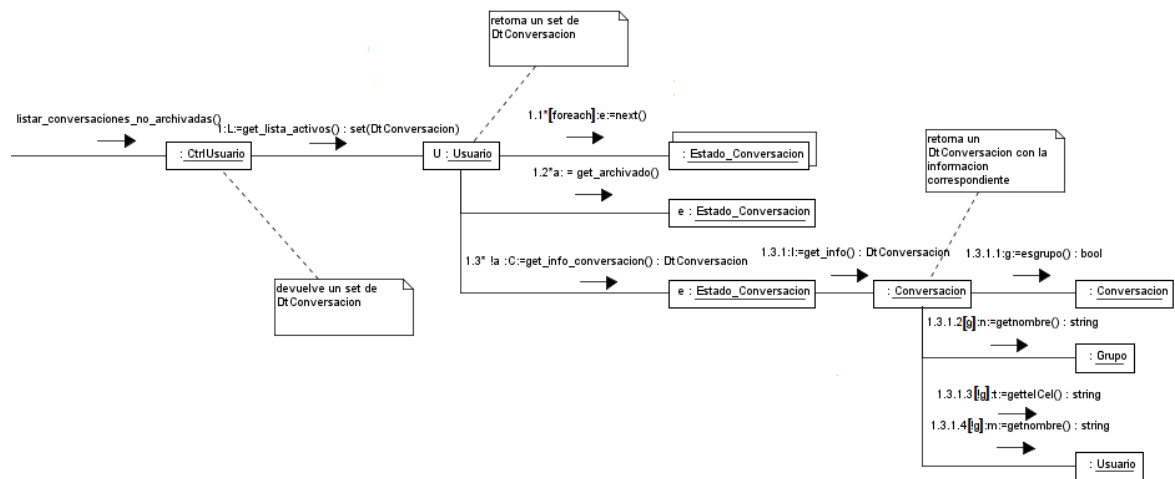
**confirmarAgregarContactos:****esContacto:****existeUsuario:**

getContactos:





listar\_conversaciones\_no\_archivadas:



numeroParaAgregar:

