

[OVERVIEW](#) [PACKAGE](#) [CLASS](#) [USE TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)[SUMMARY: NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) [DETAIL: FIELD](#) | [CONSTR](#) | [METHOD](#)

chef

Class ChefInterface

java.lang.Object
chef.ChefInterface

```
public class ChefInterface  
extends java.lang.Object
```

Controls what screen is shown to chef. Holds all data that is shown to Chef.

Author:

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Field Summary

Fields

Modifier and Type	Field and Description
static com.google.gson.Gson	jsonConverter
ChefOneTickScreen	oneTickScreen Once the chef opens a ticket, the screen that shows the dishes of the ticket
ChefMessageSender	sender Sends messages to the Message controller
java.util.ArrayList<java.lang.Long>	ticketQueueFinished
java.util.ArrayList<java.lang.Long>	ticketQueuesemiStarted
java.util.ArrayList<java.lang.Long>	ticketQueueStarted
java.util.ArrayList<java.lang.Long>	ticketQueueUnstarted Ticket Queues that the chef can view - separated based on status of preparation

Constructor Summary

Constructors

Constructor and Description

`ChefInterface`(`LogInScreen` lp)

Constructor

Method Summary

All Methods Instance Methods Concrete Methods

Modifier and Type	Method and Description
void	<code>addNotification</code> (<code>java.lang.String</code> message) Adds this notification to the chef screen
void	<code>backToMainScreen</code> () Switches the screen from an open ticket screen to the list of tickets screen.
void	<code>changeTicketLocation</code> (<code>char</code> oldstatus, <code>Ticket</code> t) Changes the location of the ticket based on the status of it.
void	<code>chefTicketListener</code> (<code>Ticket</code> ticket) Function used to read the incoming tickets from the waiters and places them in the queue that the chef can view.
void	<code>decrementInventoryForDish</code> (<code>Dish</code> dish) Decrements the amount of each item in the inventory by the proper amount of ingredients for this dish.
void	<code>generateTickets</code> () Used for testing
void	<code>logOut</code> () Returns upon logging out.
void	<code>notifyManager</code> () Sends a notification to the manager
void	<code>openTicketScreen</code> (<code>long</code> ticketNumber) Switches from list of tickets screen to one open ticket screen
void	<code>updateScreen</code> () updates the screen to the main chef screen

Methods inherited from class `java.lang.Object`

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Field Detail

jsonConverter

```
public static com.google.gson.Gson jsonConverter
```

sender

```
public ChefMessageSender sender
```

Sends messages to the Message controller

ticketQueueUnstarted

```
public java.util.ArrayList<java.lang.Long> ticketQueueUnstarted
```

Ticket Queues that the chef can view - separated based on status of preparation

ticketQueuesemiStarted

```
public java.util.ArrayList<java.lang.Long> ticketQueuesemiStarted
```

ticketQueueStarted

```
public java.util.ArrayList<java.lang.Long> ticketQueueStarted
```

ticketQueueFinished

```
public java.util.ArrayList<java.lang.Long> ticketQueueFinished
```

oneTickScreen

```
public ChefOneTickScreen oneTickScreen
```

Once the chef opens a ticket, the screen that shows the dishes of the ticket

Constructor Detail

ChefInterface

```
public ChefInterface(LogInScreen lp)
```

Constructor

Parameters:

lp - - log in screen

Method Detail

chefTicketListener

```
public void chefTicketListener(Ticket ticket)
```

Function used to read the incoming tickets from the waiters and places them in the queue that the chef can view.

Parameters:

ticket - - ticket the waiter sends to the chef

decrementInventoryForDish

```
public void decrementInventoryForDish(Dish dish)
```

Decrements the amount of each item in the inventory by the proper amount of ingredients for this dish.

Parameters:

dish - - dish that chef makes

changeTicketLocation

```
public void changeTicketLocation(char oldstatus,  
                                Ticket t)
```

Changes the location of the ticket based on the status of it. ie: takes ticket off of unstarted and adds it to semi started

Parameters:

oldstatus - - status before modification

t - - the ticket with the status modified

openTicketScreen

```
public void openTicketScreen(long ticketNumber)
```

Switches from list of tickets screen to one open ticket screen

Parameters:

ticketNumber - - the ticket number of ticket you wish to open

backToMainScreen

```
public void backToMainScreen()
```

Switches the screen from an open ticket screen to the list of tickets screen.

generateTickets

```
public void generateTickets()
```

Used for testing

logOut

```
public void logOut()
```

Returns upon logging out. Sends a message to the Host and MC to notify that chef is logging out.

notifyManager

```
public void notifyManager()
```

Sends a notification to the manager

addNotification

```
public void addNotification(java.lang.String message)
```

Adds this notification to the chef screen

Parameters:

message - - notification

updateScreen

```
public void updateScreen()
```

updates the screen to the main chef screen

[PREV CLASS](#) **[NEXT CLASS](#)** [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

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