

# CA2\_UML

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d00136740

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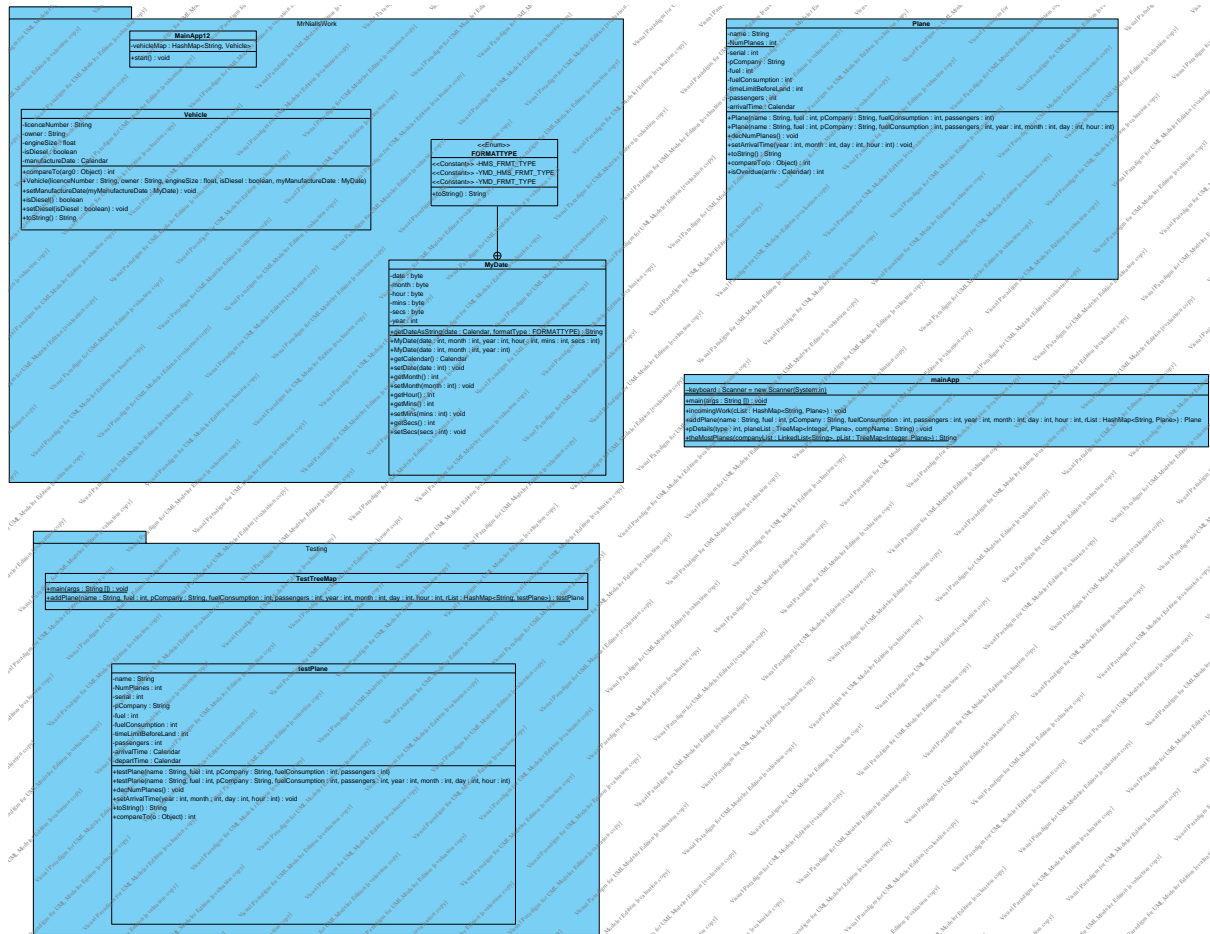
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Class Diagram1.....4

## Class Diagram


# Class Diagram1



Name	Value
Name	Class Diagram1
Author	d00136740
Create Date Time	14-Dec-2012 12:16:45
Last Modified	14-Dec-2012 12:19:02

## Summary

Name	Documentation
MrNiallsWork	
Plane	
MainApp12	
Vehicle	
FORMATTYP	
MyDate	Wrapped class to store the date and time bytes in one place
mainApp	
Testing	
TestTreeMap	@author Andmin




 testPlane	
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## Details

### MrNiallsWork

Name	Value	
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:35:27	
Abstract	false	
Leaf	false	
Root	false	
Quality Score	Very Bad	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
	Model element without any relationship	Connect model element with relationship
Visibility	public	

## Children


Name	Documentation
 MainApp12	
 Vehicle	
 MyDate	Wrapped class to store the date and time bytes in one place


## Plane

Name	Value	
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:35:27	
Active	false	
Business Key Mutable	true	
Java Detail	N/A	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Very Bad	
Quality Reason	Problem	Suggestion
	Model element at root	Add model element to a container
	Name does not contain glossary terms	Define name as term in glossary
	Model element without any relationship	Connect model element with relationship


## Attributes

private name : String			
Author	d00136740		
Create Date Time	14-Dec-2012 12:16:44		
Last Modified	14-Dec-2012 12:24:26		
Type	String		
Allow Empty Name	false		
Getter	true	Setter	true
Derived	false		
Multiplicity	Unspecified		
Java Detail	N/A		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		


private NumPlanes : int			
Author	d00136740		
Create Date Time	14-Dec-2012 12:16:44		
Last Modified	14-Dec-2012 12:24:26		
Type	 int		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Java Detail	N/A		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		


private serial : int			
Author	d00136740		
Create Date Time	14-Dec-2012 12:16:44		
Last Modified	14-Dec-2012 12:24:26		
Type	 int		
Allow Empty Name	false		
Getter	true	Setter	true
Derived	false		
Multiplicity	Unspecified		
Java Detail	N/A		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		


private pCompany : String			
Author	d00136740		
Create Date Time	14-Dec-2012 12:16:44		
Last Modified	14-Dec-2012 12:24:26		
Type	String		
Allow Empty Name	false		
Getter	true	Setter	true
Derived	false		
Multiplicity	Unspecified		
Java Detail	N/A		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

private fuel : int			
Author	d00136740		
Create Date Time	14-Dec-2012 12:16:44		
Last Modified	14-Dec-2012 12:24:26		
Type	 int		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Java Detail	N/A		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		



private fuelConsumption : int			
Author	d00136740		
Create Date Time	14-Dec-2012 12:16:44		
Last Modified	14-Dec-2012 12:24:26		
Type	 int		
Allow Empty Name	false		
Getter	false	Setter	true
Derived	false		
Multiplicity	Unspecified		
Java Detail	N/A		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		




private timeLimitBeforeLand : int			
Author	d00136740		
Create Date Time	14-Dec-2012 12:16:44		
Last Modified	14-Dec-2012 12:24:26		
Type	 int		
Allow Empty Name	false		
Getter	true	Setter	false
Derived	false		
Multiplicity	Unspecified		
Java Detail	N/A		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

private passengers : int			
Author	d00136740		
Create Date Time	14-Dec-2012 12:16:44		
Last Modified	14-Dec-2012 12:24:26		
Type	 int		
Allow Empty Name	false		
Getter	true	Setter	true
Derived	false		
Multiplicity	Unspecified		
Java Detail	N/A		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

private arrivalTime : java.util.Calendar			
Author	d00136740		
Create Date Time	14-Dec-2012 12:16:44		
Last Modified	14-Dec-2012 12:24:26		
Type	java.util.Calendar		
Allow Empty Name	false		
Getter	true	Setter	false
Derived	false		
Multiplicity	Unspecified		
Java Detail	N/A		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		





## Operations

public Plane (name : String, fuel : int, pCompany : String, fuelConsumption : int, passengers : int)		
Parameters	name	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	String
	Direction	inout

<b>fuel</b>	
Author	d00136740
Create Date Time	14-Dec-2012 12:16:44
Last Modified	14-Dec-2012 12:24:26
Multiplicity	Unspecified
Type	 int
Direction	inout
<b>pCompany</b>	
Author	d00136740
Create Date Time	14-Dec-2012 12:16:44
Last Modified	14-Dec-2012 12:24:26
Multiplicity	Unspecified
Type	String
Direction	inout
<b>fuelConsumption</b>	
Author	d00136740
Create Date Time	14-Dec-2012 12:16:44
Last Modified	14-Dec-2012 12:24:26
Multiplicity	Unspecified
Type	 int
Direction	inout
<b>passengers</b>	
Author	d00136740
Create Date Time	14-Dec-2012 12:16:44
Last Modified	14-Dec-2012 12:24:26
Multiplicity	Unspecified
Type	 int
Direction	inout
Author	d00136740
Create Date Time	14-Dec-2012 12:16:44
Last Modified	14-Dec-2012 12:24:26
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

**public Plane (name : String, fuel : int, pCompany : String, fuelConsumption : int, passengers : int, year : int, month : int, day : int, hour : int)**

Parameters	<b>name</b>	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	String
	Direction	inout
	<b>fuel</b>	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	 int
	Direction	inout
	<b>pCompany</b>	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	String
	Direction	inout
	<b>fuelConsumption</b>	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	 int
	Direction	inout
	<b>passengers</b>	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	 int
	Direction	inout

	<b>year</b>	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	 int
	Direction	inout
	<b>month</b>	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	 int
	Direction	inout
	<b>day</b>	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	 int
	Direction	inout
	<b>hour</b>	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	 int
	Direction	inout
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Static	false
	Leaf	false
	Ordered	false
	Unique	true
	Query	false

public decNumPlanes () : void	
Author	d00136740
Create Date Time	14-Dec-2012 12:16:44
Last Modified	14-Dec-2012 12:24:26
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

public setArrivalTime (year : int, month : int, day : int, hour : int) : void	
Parameters	<b>year</b>
	Author d00136740
	Create Date Time 14-Dec-2012 12:16:44
	Last Modified 14-Dec-2012 12:24:26
	Multiplicity Unspecified
	Type  int
	Direction inout
	<b>month</b>
	Author d00136740
	Create Date Time 14-Dec-2012 12:16:44
	Last Modified 14-Dec-2012 12:24:26
	Multiplicity Unspecified
	Type  int
	Direction inout
	<b>day</b>
	Author d00136740
	Create Date Time 14-Dec-2012 12:16:44
	Last Modified 14-Dec-2012 12:24:26
	Multiplicity Unspecified
	Type  int
	Direction inout
	<b>hour</b>
	Author d00136740
	Create Date Time 14-Dec-2012 12:16:44
	Last Modified 14-Dec-2012 12:24:26
	Multiplicity Unspecified
	Type  int
	Direction inout
Author	d00136740

Create Date Time	14-Dec-2012 12:16:44
Last Modified	14-Dec-2012 12:24:26
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

public toString () : String	
Author	d00136740
Create Date Time	14-Dec-2012 12:16:44
Last Modified	14-Dec-2012 12:24:26
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

public compareTo (o : Object) : int		
Parameters	o	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	Object
	Direction	inout
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:24:26	
Static	false	
Leaf	false	
Ordered	false	
Unique	true	
Query	false	

public isOverdue (arriv : java.util.Calendar) : int		
Parameters	arriv	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	java.util.Calendar
	Direction	inout
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:24:26	
Static	false	
Leaf	false	
Ordered	false	
Unique	true	
Query	false	

## References

E:\CA2-FlightControlSystem\src\Plane.java	
Description	Source
Type	File

## MainApp12

Name	Value	
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:35:27	
Active	false	
Business Key Mutable	true	
Java Detail	N/A	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Very Bad	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
	Model element without any relationship	Connect model element with relationship



## Attributes

private vehicleMap : java.util.HashMap			
Author	d00136740		
Create Date Time	14-Dec-2012 12:16:44		
Last Modified	14-Dec-2012 12:24:26		
Template Type Bind Info	N/A		
Type	java.util.HashMap		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Java Detail	N/A		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

## Operations

public start () : void	
Documentation	public static void main(String[] args){MainApp app = new MainApp();app.start();}
Author	d00136740
Create Date Time	14-Dec-2012 12:16:44
Last Modified	14-Dec-2012 12:24:26
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

## References

E:\CA2-FlightControlSystem\src\MrNiallsWork\MainApp12.java	
Description	Source
Type	File


## Vehicle


Name	Value	
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:35:27	
Active	false	
Business Key Mutable	true	
Java Detail	N/A	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Very Bad	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
	Model element without any relationship	Connect model element with relationship

## Attributes

private licenceNumber : String			
Author	d00136740		
Create Date Time	14-Dec-2012 12:16:44		
Last Modified	14-Dec-2012 12:24:26		
Type	String		
Allow Empty Name	false		
Getter	true	Setter	true
Derived	false		
Multiplicity	Unspecified		
Java Detail	N/A		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

private owner : String			
Author	d00136740		
Create Date Time	14-Dec-2012 12:16:44		
Last Modified	14-Dec-2012 12:24:26		
Type	String		
Allow Empty Name	false		
Getter	true	Setter	true
Derived	false		
Multiplicity	Unspecified		
Java Detail	N/A		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		


private engineSize : float			
Author	d00136740		
Create Date Time	14-Dec-2012 12:16:44		
Last Modified	14-Dec-2012 12:24:26		
Type	 float		
Allow Empty Name	false		
Getter	true	Setter	true
Derived	false		
Multiplicity	Unspecified		
Java Detail	N/A		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		



private isDiesel : boolean			
Author	d00136740		
Create Date Time	14-Dec-2012 12:16:44		
Last Modified	14-Dec-2012 12:24:26		
Type	 boolean		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Java Detail	N/A		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		


private manufactureDate : java.util.Calendar			
Author	d00136740		
Create Date Time	14-Dec-2012 12:16:44		
Last Modified	14-Dec-2012 12:24:26		
Type	java.util.Calendar		
Allow Empty Name	false		
Getter	true	Setter	false
Derived	false		
Multiplicity	Unspecified		
Java Detail	N/A		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

# Operations


public compareTo (arg0 : Object) : int		
Parameters	arg0	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	Object
	Direction	inout
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:24:26	
Static	false	
Leaf	false	
Ordered	false	
Unique	true	
Query	false	

public Vehicle (licenceNumber : String, owner : String, engineSize : float, isDiesel : boolean, myManufactureDate : MyDate)		
Parameters	licenceNumber	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	String
	Direction	inout
	owner	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	String
	Direction	inout
	engineSize	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	 float
	Direction	inout

	<b>isDiesel</b>	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	 boolean
	Direction	inout
	<b>myManufactureDate</b>	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	 MyDate
	Direction	inout
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:24:26	
Static	false	
Leaf	false	
Ordered	false	
Unique	true	
Query	false	

public setManufactureDate (myManufactureDate : MyDate) : void		
Parameters	<b>myManufactureDate</b>	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	 MyDate
	Direction	inout
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:24:26	
Static	false	
Leaf	false	
Ordered	false	
Unique	true	
Query	false	

public isDiesel () : boolean	
Author	d00136740
Create Date Time	14-Dec-2012 12:16:44
Last Modified	14-Dec-2012 12:24:26
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

public setDiesel (isDiesel : boolean) : void		
Parameters	isDiesel	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	 boolean
	Direction	inout
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:24:26	
Static	false	
Leaf	false	
Ordered	false	
Unique	true	
Query	false	

public toString () : String	
Author	d00136740
Create Date Time	14-Dec-2012 12:16:44
Last Modified	14-Dec-2012 12:24:26
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

## References

E:\CA2-FlightControlSystem\src\MrNiallsWork\Vehicle.java	
Description	Source
Type	File

## FORMATTYPE

Name	Value	
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:35:27	
Active	false	
Business Key Mutable	true	
Java Detail	N/A	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Stereotypes	Enum	
Quality Score	Very Bad	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
	Model element without any relationship	Connect model element with relationship

## Attributes

private HMS_FRMT_TYPE			
Author	d00136740		
Create Date Time	14-Dec-2012 12:16:44		
Last Modified	14-Dec-2012 12:24:26		
Stereotypes	Constant		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		



private YMD_HMS_FRMT_TYPE			
Author	d00136740		
Create Date Time	14-Dec-2012 12:16:44		
Last Modified	14-Dec-2012 12:24:26		
Stereotypes	Constant		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

private YMD_FRMT_TYPE			
Author	d00136740		
Create Date Time	14-Dec-2012 12:16:44		
Last Modified	14-Dec-2012 12:24:26		
Stereotypes	Constant		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

## Operations

public toString () : String	
Author	d00136740
Create Date Time	14-Dec-2012 12:16:44
Last Modified	14-Dec-2012 12:24:26
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

## References

E:\CA2-FlightControlSystem\src\MrNiallsWork\MyDate.java	
Description	Source
Type	File


## MyDate


Name	Value	
Documentation	Wrapped class to store the date and time bytes in one place	
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:35:27	
Active	false	
Business Key Mutable	true	
Java Detail	N/A	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Very Bad	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
	Model element without any relationship	Connect model element with relationship


## Children


Name	Documentation
 <a href="#">FORMATTYPE</a>	


## Attributes


private date : byte			
Author	d00136740		
Create Date Time	14-Dec-2012 12:16:44		
Last Modified	14-Dec-2012 12:24:26		
Type	 byte		
Allow Empty Name	false		
Getter	true	Setter	false
Derived	false		
Multiplicity	Unspecified		
Java Detail	N/A		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

private month : byte			
Author	d00136740		
Create Date Time	14-Dec-2012 12:16:44		
Last Modified	14-Dec-2012 12:24:26		
Type	 byte		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Java Detail	N/A		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

private hour : byte			
Author	d00136740		
Create Date Time	14-Dec-2012 12:16:44		
Last Modified	14-Dec-2012 12:24:26		
Type	 byte		
Allow Empty Name	false		
Getter	false	Setter	true
Derived	false		
Multiplicity	Unspecified		
Java Detail	N/A		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		



private mins : byte			
Author	d00136740		
Create Date Time	14-Dec-2012 12:16:44		
Last Modified	14-Dec-2012 12:24:26		
Type	 byte		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Java Detail	N/A		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		





private secs : byte			
Author	d00136740		
Create Date Time	14-Dec-2012 12:16:44		
Last Modified	14-Dec-2012 12:24:26		
Type	 byte		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Java Detail	N/A		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

private year : int			
Author	d00136740		
Create Date Time	14-Dec-2012 12:16:44		
Last Modified	14-Dec-2012 12:24:26		
Type	 int		
Allow Empty Name	false		
Getter	true	Setter	true
Derived	false		
Multiplicity	Unspecified		
Java Detail	N/A		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		




# Operations

public getDateAsString (date : java.util.Calendar, formatType : FORMATTYPE) : String		
Parameters	date	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	java.util.Calendar
	Direction	inout
	formatType	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	FORMATTYPE
	Direction	inout
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:24:26	
Static	false	
Leaf	false	
Ordered	false	
Unique	true	
Query	false	

public MyDate (date : int, month : int, year : int, hour : int, mins : int, secs : int)		
Parameters	date	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	 int
	Direction	inout
	month	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	 int
	Direction	inout


	year	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	 int
	Direction	inout
	hour	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	 int
	Direction	inout
	mins	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	 int
	Direction	inout
secs		
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:24:26	
Multiplicity	Unspecified	
Type	 int	
Direction	inout	
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:24:26	
Static	false	
Leaf	false	
Ordered	false	
Unique	true	
Query	false	

public MyDate (date : int, month : int, year : int)


Parameters	<b>date</b>	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	 int
	Direction	inout
	<b>month</b>	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	 int
	Direction	inout
	<b>year</b>	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	 int
	Direction	inout
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:24:26	
Static	false	
Leaf	false	
Ordered	false	
Unique	true	
Query	false	

public getCalendar () : java.util.Calendar	
Documentation	returns a Calendar object corresponding to the date, month, and year
Author	d00136740
Create Date Time	14-Dec-2012 12:16:44
Last Modified	14-Dec-2012 12:24:26
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false




public setDate (date : int) : void		
Parameters	date	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	 int
	Direction	inout
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:24:26	
Static	false	
Leaf	false	
Ordered	false	
Unique	true	
Query	false	

public getMonth () : int	
Author	d00136740
Create Date Time	14-Dec-2012 12:16:44
Last Modified	14-Dec-2012 12:24:26
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

public setMonth (month : int) : void		
Parameters	month	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	 int
	Direction	inout
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:24:26	
Static	false	
Leaf	false	
Ordered	false	
Unique	true	
Query	false	

public getHour () : int	
Author	d00136740
Create Date Time	14-Dec-2012 12:16:44
Last Modified	14-Dec-2012 12:24:26
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

public getMins () : int	
Author	d00136740
Create Date Time	14-Dec-2012 12:16:44
Last Modified	14-Dec-2012 12:24:26
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

public setMins (mins : int) : void		
Parameters	mins	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	 int
	Direction	inout
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:24:26	
Static	false	
Leaf	false	
Ordered	false	
Unique	true	
Query	false	

public getSecs () : int	
Author	d00136740
Create Date Time	14-Dec-2012 12:16:44
Last Modified	14-Dec-2012 12:24:26
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

public setSecs (secs : int) : void		
Parameters	secs	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	● int
	Direction	inout
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:24:26	
Static	false	
Leaf	false	
Ordered	false	
Unique	true	
Query	false	

## References

E:\CA2-FlightControlSystem\src\MrNiallsWork\MyDate.java	
Description	Source
Type	File

## mainApp

Name	Value	
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:35:27	
Active	false	
Business Key Mutable	true	
Java Detail	N/A	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Very Bad	
Quality Reason	Problem	Suggestion
	Model element at root	Add model element to a container
	Name does not contain glossary terms	Define name as term in glossary
	Model element without any relationship	Connect model element with relationship


## Attributes






package keyboard : Scanner			
Author	d00136740		
Create Date Time	14-Dec-2012 12:16:44		
Last Modified	14-Dec-2012 12:24:26		
Initial Value	new Scanner(System.in)		
Type	Scanner		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Java Detail	N/A		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		


## Operations

public main (args : String) : void		
Parameters	args	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type Modifier	[]
	Type	String
	Direction	inout
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:24:26	
Static	false	
Leaf	false	
Ordered	false	
Unique	true	
Query	false	

public incomingWork (cList : HashMap) : void		
Parameters	cList	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Template Type Bind Info	N/A
	Type	HashMap
	Direction	inout
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:24:26	
Static	false	
Leaf	false	
Ordered	false	
Unique	true	
Query	false	

public addPlane (name : String, fuel : int, pCompany : String, fuelConsumption : int, passengers : int, year : int, month : int, day : int, hour : int, rList : HashMap) : Plane		
Parameters	name	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	String
	Direction	inout
	fuel	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	 int
	Direction	inout
	pCompany	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	String
	Direction	inout

fuelConsumption	
Author	d00136740
Create Date Time	14-Dec-2012 12:16:44
Last Modified	14-Dec-2012 12:24:26
Multiplicity	Unspecified
Type	 int
Direction	inout
passengers	
Author	d00136740
Create Date Time	14-Dec-2012 12:16:44
Last Modified	14-Dec-2012 12:24:26
Multiplicity	Unspecified
Type	 int
Direction	inout
year	
Author	d00136740
Create Date Time	14-Dec-2012 12:16:44
Last Modified	14-Dec-2012 12:24:26
Multiplicity	Unspecified
Type	 int
Direction	inout
month	
Author	d00136740
Create Date Time	14-Dec-2012 12:16:44
Last Modified	14-Dec-2012 12:24:26
Multiplicity	Unspecified
Type	 int
Direction	inout
day	
Author	d00136740
Create Date Time	14-Dec-2012 12:16:44
Last Modified	14-Dec-2012 12:24:26
Multiplicity	Unspecified
Type	 int
Direction	inout

	<b>hour</b>	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	 int
	Direction	inout
	<b>rList</b>	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Template Type Bind Info	N/A
	Type	HashMap
	Direction	inout
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:24:26	
Static	false	
Leaf	false	
Ordered	false	
Unique	true	
Query	false	

```
public pDetails (type : int, planeList : TreeMap, compName : String) : void
```



Parameters	<b>type</b>	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	 int
	Direction	inout
	<b>planeList</b>	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Template Type Bind Info	N/A
	Type	TreeMap
	Direction	inout
	<b>compName</b>	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	String
	Direction	inout
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Static	false
	Leaf	false
	Ordered	false
	Unique	true
	Query	false

public theMostPlanes (companyList : LinkedList, pList : TreeMap) : String		
Parameters	companyList	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Template Type Bind Info	N/A
	Type	LinkedList
	Direction	inout
	pList	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Template Type Bind Info	N/A
	Type	TreeMap
	Direction	inout
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:24:26	
Static	false	
Leaf	false	
Ordered	false	
Unique	true	
Query	false	



## References

E:\CA2-FlightControlSystem\src\mainApp.java	
Description	Source
Type	File

## Testing

Name	Value	
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:35:27	
Abstract	false	
Leaf	false	
Root	false	
Quality Score	Very Bad	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
	Model element without any relationship	Connect model element with relationship
Visibility	public	

## Children


Name	Documentation
 TestTreeMap	@author Andmin
 testPlane	




## TestTreeMap



Name	Value	
Documentation	@author Andmin	
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:35:27	
Active	false	
Business Key Mutable	true	
Java Detail	N/A	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Very Bad	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
	Model element without any relationship	Connect model element with relationship

# Operations

public main (args : String) : void		
Parameters	args	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type Modifier	[]
	Type	String
	Direction	inout
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:24:26	
Static	false	
Leaf	false	
Ordered	false	
Unique	true	
Query	false	

public addPlane (name : String, fuel : int, pCompany : String, fuelConsumption : int, passengers : int, year : int, month : int, day : int, hour : int, rList : java.util.HashMap) : testPlane		
Parameters	name	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	String
	Direction	inout
	fuel	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	 int
	Direction	inout

<b>pCompany</b>	
Author	d00136740
Create Date Time	14-Dec-2012 12:16:44
Last Modified	14-Dec-2012 12:24:26
Multiplicity	Unspecified
Type	String
Direction	inout
<b>fuelConsumption</b>	
Author	d00136740
Create Date Time	14-Dec-2012 12:16:44
Last Modified	14-Dec-2012 12:24:26
Multiplicity	Unspecified
Type	 int
Direction	inout
<b>passengers</b>	
Author	d00136740
Create Date Time	14-Dec-2012 12:16:44
Last Modified	14-Dec-2012 12:24:26
Multiplicity	Unspecified
Type	 int
Direction	inout
<b>year</b>	
Author	d00136740
Create Date Time	14-Dec-2012 12:16:44
Last Modified	14-Dec-2012 12:24:26
Multiplicity	Unspecified
Type	 int
Direction	inout
<b>month</b>	
Author	d00136740
Create Date Time	14-Dec-2012 12:16:44
Last Modified	14-Dec-2012 12:24:26
Multiplicity	Unspecified
Type	 int
Direction	inout

	<b>day</b>	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	 int
	Direction	inout
	<b>hour</b>	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	 int
	Direction	inout
	<b>rList</b>	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Template Type Bind Info	N/A
	Type	java.util.HashMap
	Direction	inout
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:24:26	
Static	false	
Leaf	false	
Ordered	false	
Unique	true	
Query	false	

## References


<b>E:\CA2-FlightControlSystem\src\Testing\TestTreeMap.java</b>	
Description	Source
Type	File


## testPlane

Name	Value	
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:35:27	
Active	false	
Business Key Mutable	true	
Java Detail	N/A	
Business Model	false	
Visibility	public	
Leaf	false	
Root	false	
Quality Score	Very Bad	
Quality Reason	Problem	Suggestion
	Name does not contain glossary terms	Define name as term in glossary
	Model element without any relationship	Connect model element with relationship

## Attributes


private name : String			
Author	d00136740		
Create Date Time	14-Dec-2012 12:16:44		
Last Modified	14-Dec-2012 12:24:26		
Type	String		
Allow Empty Name	false		
Getter	true	Setter	true
Derived	false		
Multiplicity	Unspecified		
Java Detail	N/A		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		


private NumPlanes : int			
Author	d00136740		
Create Date Time	14-Dec-2012 12:16:44		
Last Modified	14-Dec-2012 12:24:26		
Type	 int		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Java Detail	N/A		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		


private serial : int			
Author	d00136740		
Create Date Time	14-Dec-2012 12:16:44		
Last Modified	14-Dec-2012 12:24:26		
Type	 int		
Allow Empty Name	false		
Getter	true	Setter	true
Derived	false		
Multiplicity	Unspecified		
Java Detail	N/A		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		




private pCompany : String			
Author	d00136740		
Create Date Time	14-Dec-2012 12:16:44		
Last Modified	14-Dec-2012 12:24:26		
Type	String		
Allow Empty Name	false		
Getter	true	Setter	true
Derived	false		
Multiplicity	Unspecified		
Java Detail	N/A		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

private fuel : int			
Author	d00136740		
Create Date Time	14-Dec-2012 12:16:44		
Last Modified	14-Dec-2012 12:24:26		
Type	 int		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Java Detail	N/A		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		

private fuelConsumption : int			
Author	d00136740		
Create Date Time	14-Dec-2012 12:16:44		
Last Modified	14-Dec-2012 12:24:26		
Type	 int		
Allow Empty Name	false		
Getter	false	Setter	true
Derived	false		
Multiplicity	Unspecified		
Java Detail	N/A		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		


private timeLimitBeforeLand : int			
Author	d00136740		
Create Date Time	14-Dec-2012 12:16:44		
Last Modified	14-Dec-2012 12:24:26		
Type	 int		
Allow Empty Name	false		
Getter	true	Setter	false
Derived	false		
Multiplicity	Unspecified		
Java Detail	N/A		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		



private passengers : int			
Author	d00136740		
Create Date Time	14-Dec-2012 12:16:44		
Last Modified	14-Dec-2012 12:24:26		
Type	 int		
Allow Empty Name	false		
Getter	true	Setter	true
Derived	false		
Multiplicity	Unspecified		
Java Detail	N/A		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		


private arrivalTime : java.util.Calendar			
Author	d00136740		
Create Date Time	14-Dec-2012 12:16:44		
Last Modified	14-Dec-2012 12:24:26		
Type	java.util.Calendar		
Allow Empty Name	false		
Getter	true	Setter	false
Derived	false		
Multiplicity	Unspecified		
Java Detail	N/A		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		





private departTime : java.util.Calendar			
Author	d00136740		
Create Date Time	14-Dec-2012 12:16:44		
Last Modified	14-Dec-2012 12:24:26		
Type	java.util.Calendar		
Allow Empty Name	false		
Getter	false	Setter	false
Derived	false		
Multiplicity	Unspecified		
Java Detail	N/A		
Aggregation	None		
Derived Union	false		
Read Only	false		
Leaf	false		



## Operations

public testPlane (name : String, fuel : int, pCompany : String, fuelConsumption : int, passengers : int)		
Parameters	name	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	String
	Direction	inout
	fuel	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	 int
	Direction	inout
	pCompany	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	String
	Direction	inout

	<b>fuelConsumption</b>	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	 int
	Direction	inout
	<b>passengers</b>	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	 int
	Direction	inout
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:24:26	
Static	false	
Leaf	false	
Ordered	false	
Unique	true	
Query	false	

public testPlane (name : String, fuel : int, pCompany : String, fuelConsumption : int, passengers : int, year : int, month : int, day : int, hour : int)		
Parameters	<b>name</b>	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	String
	Direction	inout
	<b>fuel</b>	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	 int
	Direction	inout

<b>pCompany</b>	
Author	d00136740
Create Date Time	14-Dec-2012 12:16:44
Last Modified	14-Dec-2012 12:24:26
Multiplicity	Unspecified
Type	String
Direction	inout
<b>fuelConsumption</b>	
Author	d00136740
Create Date Time	14-Dec-2012 12:16:44
Last Modified	14-Dec-2012 12:24:26
Multiplicity	Unspecified
Type	 int
Direction	inout
<b>passengers</b>	
Author	d00136740
Create Date Time	14-Dec-2012 12:16:44
Last Modified	14-Dec-2012 12:24:26
Multiplicity	Unspecified
Type	 int
Direction	inout
<b>year</b>	
Author	d00136740
Create Date Time	14-Dec-2012 12:16:44
Last Modified	14-Dec-2012 12:24:26
Multiplicity	Unspecified
Type	 int
Direction	inout
<b>month</b>	
Author	d00136740
Create Date Time	14-Dec-2012 12:16:44
Last Modified	14-Dec-2012 12:24:26
Multiplicity	Unspecified
Type	 int
Direction	inout

	<b>day</b>	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	 int
	Direction	inout
	<b>hour</b>	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	 int
	Direction	inout
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:24:26	
Static	false	
Leaf	false	
Ordered	false	
Unique	true	
Query	false	

<b>public decNumPlanes () : void</b>		
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:24:26	
Static	false	
Leaf	false	
Ordered	false	
Unique	true	
Query	false	

**public setArrivalTime (year : int, month : int, day : int, hour : int) : void**

Parameters	<b>year</b>	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	 int
	Direction	inout
	<b>month</b>	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	 int
	Direction	inout
	<b>day</b>	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	 int
	Direction	inout
	<b>hour</b>	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	 int
	Direction	inout
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:24:26	
Static	false	
Leaf	false	
Ordered	false	
Unique	true	
Query	false	



public toString () : String	
Author	d00136740
Create Date Time	14-Dec-2012 12:16:44
Last Modified	14-Dec-2012 12:24:26
Static	false
Leaf	false
Ordered	false
Unique	true
Query	false

public compareTo (o : Object) : int		
Parameters	o	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Type	Object
	Direction	inout
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:24:26	
Static	false	
Leaf	false	
Ordered	false	
Unique	true	
Query	false	

## References

E:\CA2-FlightControlSystem\src\Testing\testPlane.java	
Description	Source
Type	File