# CA2\_UML

d00136740

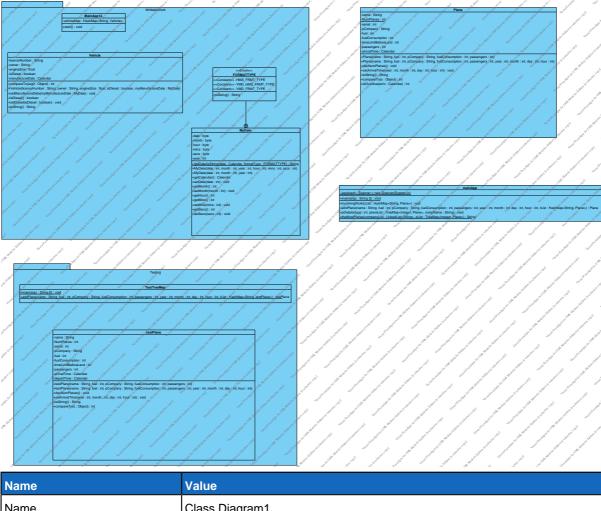
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Class	Diagram1

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Class	Diagram1

# 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	
FORMATTYPE	
MyDate	Wrapped class to store the date and time bytes in one place
mainApp	
Testing	
TestTreeMap	@author Andmin

# **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	false			
Quality Score	Very Bad	Very Bad			
Quality Reason	Problem	Suggestion			
	Name does not contain glossary to	erms 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	public		
Leaf	false	false		
Root	false	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		

private name : String				
Author	d00136740			
Create Date Time	14-Dec-2012 12	:16:44		
Last Modified	14-Dec-2012 12	:24:26		
Туре	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	2:16:44		
Last Modified	14-Dec-2012 12	2:24:26		
Туре	int 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 1	2:16:44		
Last Modified	14-Dec-2012 1	2:24:26		
Туре	o 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 : Strin	ıg			
Author	d00136740			
Create Date Time	14-Dec-2012 1	2:16:44		
Last Modified	14-Dec-2012 1	2:24:26		
Туре	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 1	2:16:44		
Last Modified	14-Dec-2012 1	2:24:26		
Туре	int 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		
Туре	o 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 1	2:16:44		
Last Modified	14-Dec-2012 1	2:24:26		
Туре	int 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 1	2:16:44		
Last Modified	14-Dec-2012 1	2:24:26		
Туре	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 1	2:16:44		
Last Modified	14-Dec-2012 1	2:24:26		
Туре	java.util.Calen	dar		
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			

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	
	Туре	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	
Туре	o int	
Direction	inout	
pCompany	100400740	
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:24:26	
Multiplicity	Unspecified	
Туре	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	
Туре	o int	
Direction	inout	
passengers	<u> </u>	
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:24:26	
Multiplicity	Unspecified	
Туре	o int	
Direction	inout	
d00136740		
14-Dec-2012 12:16:44		
14-Dec-2012 12:24:26		
false		
false	alse	
alse		
false		
false true		

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

Author

Static
Leaf
Ordered
Unique
Query

Create Date Time
Last Modified

Parameters	name	name		
	Author	d00136740		
	Create Date Time	14-Dec-2012 12:16:44		
	Last Modified	14-Dec-2012 12:24:26		
	Multiplicity	Unspecified		
	Туре	String		
	Direction	inout		
	Const.			
	fuel	100426740		
	Author	d00136740		
	Create Date Time  Last Modified	14-Dec-2012 12:16:44 14-Dec-2012 12:24:26		
	Multiplicity	Unspecified int		
	Type Direction			
	Direction	inout		
	pCompany			
	Author	d00136740		
	Create Date Time	14-Dec-2012 12:16:44		
	Last Modified	14-Dec-2012 12:24:26		
	Multiplicity	Unspecified		
	Туре	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		
	Туре	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		
	Туре	int int		
	Direction	inout		

	year	year		
	Author	d00136740		
	Create Date Time	14-Dec-2012 12:16:44		
	Last Modified	14-Dec-2012 12:24:26		
	Multiplicity	Unspecified		
	Туре	o 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		
	Туре	int 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		
	Туре	int		
	Direction	inout		
	hour			
	Author	d00136740		
	Create Date Time	14-Dec-2012 12:16:44		
	Last Modified	14-Dec-2012 12:16.44 14-Dec-2012 12:24:26		
	Multiplicity	Unspecified int		
	Type			
A the	Direction	inout		
Author Create Data Time	d00136740			
Create Date Time  Last Modified	14-Dec-2012 12:16:44 14-Dec-2012 12:24:26	14-Dec-2012 12:16:44		
Static		false		
Leaf	false			
Ordered	false			
Unique	true			
Query	false			
Quory	Ιαίου			

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 h	our · int) · void
Parameters	vear	our . Inty . Void
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Туре	int
	Direction	inout
	2661.61.	
	month	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Туре	o int
	Direction	inout
	day	120100710
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Туре	int 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
	Туре	int
	Direction	inout
Author	d00136740	Intout
Autiloi	130740	

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

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

# ■ MainApp12

Name	Value	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	public		
Leaf	false			
Root	false	false		
Quality Score	Very Bad	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			
Туре	java.util.HashMap			
Allow Empty Name	false	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	<pre>public static void main(String[] args){MainApp app = new MainApp();app.start();}</pre>		
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	public		
Leaf	false			
Root	false	false		
Quality Score	Very Bad	Very Bad		
Quality Reason	Problem Suggestion			
	Name does not contain glossary terms Define name as term in glossary			
	Model element without any Connect model element with relationship			

private licenceNumber : String				
Author	d00136740			
Create Date Time	14-Dec-2012 12:16:44			
Last Modified	14-Dec-2012 12:24:26			
Туре	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		
Туре	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	t				
Author	d00136740	d00136740			
Create Date Time	14-Dec-2012 12	2:16:44			
Last Modified	14-Dec-2012 12	2:24:26			
Туре	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		
Туре	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 1	2:16:44		
Last Modified	14-Dec-2012 1	2:24:26		
Туре	java.util.Calend	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			

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

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

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

public setManufactureDate (myManufactureDate : MyDate) : void			
Parameters	myManufactureDate		
	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	
	Туре	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		

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

# **FORMATTYPE**

Name	Value	Value		
Author	d00136740	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	public		
Leaf	false			
Root	false	false		
Stereotypes	Enum	Enum		
Quality Score	Very Bad	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		

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	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		

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	

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

# **MyDate**

Name	Value	Value		
Documentation	Wrapped class to store the date and tir	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	false		
Visibility	public	public		
Leaf	false	false		
Root	false	false		
Quality Score	Very Bad	Very Bad		
Quality Reason	Problem	Suggestion		
	Name does not contain glossary terms	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
FORMATTYPE	

private date : byte				
Author	d00136740			
Create Date Time	14-Dec-2012 1	2:16:44		
Last Modified	14-Dec-2012 1	2:24:26		
Туре	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		
Туре	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 1	2:16:44		
Last Modified	14-Dec-2012 1	2:24:26		
Туре	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 1	2:16:44		
Last Modified	14-Dec-2012 1	2:24:26		
Туре	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 1	2:16:44		
Last Modified	14-Dec-2012 1	2:24:26		
Туре	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 1	2:16:44		
Last Modified	14-Dec-2012 1	2:24:26		
Туре	o 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			

e : java.util.Calendar, forma	tType : FORMATTYPE) : String			
date	date			
Author	d00136740			
Create Date Time	14-Dec-2012 12:16:44			
Last Modified	14-Dec-2012 12:24:26			
Multiplicity	Unspecified			
Туре	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			
Туре	FORMATTYPE			
Direction	inout			
d00136740				
14-Dec-2012 12:16:44				
14-Dec-2012 12:24:26	14-Dec-2012 12:24:26			
false	false			
false	false			
false	false			
true				
false	false			
	Author Create Date Time Last Modified Multiplicity Type Direction  formatType Author Create Date Time Last Modified Multiplicity Type Direction doultiplicity Type Direction			

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
	Туре	int 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
	Туре	o 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
	Туре	o 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
	Туре	int 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
	Туре	o int
	Direction	inout
	secs	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:10:44
	Multiplicity	Unspecified
	Туре	int
	Direction	inout
Author	d00136740	1
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:16:44 14-Dec-2012 12:24:26	
Static	false	
Leaf	false	
Ordered	false	
Unique	true	
Query	false	
,		

Parameters	date		
	Author	d00136740	
	Create Date Time	14-Dec-2012 12:16:44	
	Last Modified	14-Dec-2012 12:24:26	
	Multiplicity	Unspecified	
	Туре	o 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	
	Туре	int 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	
	Туре	int	
	Direction	inout	
Author	d00136740		
Create Date Time	14-Dec-2012 12:16:44		
Last Modified	14-Dec-2012 12:24:26	14-Dec-2012 12:24:26	
Static	false	false	
Leaf	false	false	
Ordered	false		
Unique	true	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	date		
	Author	d00136740		
	Create Date Time	14-Dec-2012 12:16:44		
	Last Modified	14-Dec-2012 12:24:26		
	Multiplicity	Unspecified		
	Туре	int int		
	Direction	inout		
Author	d00136740	d00136740		
Create Date Time	14-Dec-2012 12:16:44			
Last Modified	14-Dec-2012 12:24:26	14-Dec-2012 12:24:26		
Static	false	false		
Leaf	false	false		
Ordered	false	false		
Unique	true	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	month		
	Author	d00136740		
	Create Date Time	14-Dec-2012 12:16:44		
	Last Modified	14-Dec-2012 12:24:26		
	Multiplicity	Unspecified		
	Туре	int		
	Direction	inout		
Author	d00136740	d00136740		
Create Date Time	14-Dec-2012 12:16:44	14-Dec-2012 12:16:44		
Last Modified	14-Dec-2012 12:24:26	14-Dec-2012 12:24:26		
Static	false	false		
Leaf	false	false		
Ordered	false	false		
Unique	true	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	mins		
	Author	d00136740		
	Create Date Time	14-Dec-2012 12:16:44		
	Last Modified	14-Dec-2012 12:24:26		
	Multiplicity	Unspecified		
	Туре	int int		
	Direction	inout		
Author	d00136740	d00136740		
Create Date Time	14-Dec-2012 12:16:44			
Last Modified	14-Dec-2012 12:24:26	14-Dec-2012 12:24:26		
Static	false	false		
Leaf	false	false		
Ordered	false	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	secs	
	Author	d00136740	
	Create Date Time	14-Dec-2012 12:16:44	
	Last Modified	14-Dec-2012 12:24:26	
	Multiplicity	Unspecified	
	Туре	int int	
	Direction	inout	
Author	d00136740	d00136740	
Create Date Time	14-Dec-2012 12:16:44	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:24:26	14-Dec-2012 12:24:26	
Static	false	false	
Leaf	false	false	
Ordered	false	false	
Unique	true	true	
Query	false	false	

E:\CA2-FlightControlSystem\src\MrNiallsWork\MyDate.java		
Description	Source	
Туре	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 : Scanne	<u>r</u>			
Author	d00136740			
Create Date Time	14-Dec-2012 12:1	6:44		
Last Modified	14-Dec-2012 12:2	24:26		
Initial Value	new Scanner(Sys	tem.in)		
Туре	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	0	
	Туре	String	
	Direction	inout	
Author	d00136740	d00136740	
Create Date Time	14-Dec-2012 12:16:44	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:24:26	14-Dec-2012 12:24:26	
Static	false	false	
Leaf	false	false	
Ordered	false	false	
Unique	true	true	
Query	false	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	
	Туре	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

Da		_	~+	_	
Pa	ra	m	eī	е	rs

Hour . Int, reist . Hashiwap) . Flane			
name			
Author	d00136740		
Create Date Time	14-Dec-2012 12:16:44		
Last Modified	14-Dec-2012 12:24:26		
Multiplicity	Unspecified		
Туре	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		
Туре	o 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		
Туре	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
Туре	o 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
Туре	o 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
Туре	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
Туре	int int
Direction	inout
dou	
day	100400740
Author	d00136740
Create Date Time	14-Dec-2012 12:16:44
Last Modified	14-Dec-2012 12:24:26
Multiplicity	Unspecified int
Type	
Direction	inout

	hour	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Туре	int int
	Direction	inout
	rList	
	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
	Туре	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	type			
	Author	d00136740		
	Create Date Time	14-Dec-2012 12:16:44		
	Last Modified	14-Dec-2012 12:24:26		
	Multiplicity	Unspecified		
	Туре	o int		
	Direction	inout		
	planeList	planeList		
	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		
	Туре	ТгееМар		
	Direction	inout		
	compName			
		400136740		
	Author Create Date Time	d00136740 14-Dec-2012 12:16:44		
	Last Modified	14-Dec-2012 12:24:26		
	Multiplicity	Unspecified		
	Type	String		
Author	Direction d00136740	inout		
Create Date Time				
	14-Dec-2012 12:16:44			
Last Modified	<del> </del>	14-Dec-2012 12:24:26		
Static		false		
Leaf	false			
Ordered	false			
111 .	false			
Unique Query				

public theMostPlanes (com	panyList : LinkedList, pList : T	reeMap) : String		
Parameters	companyList	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		
	Туре	LinkedList		
	Direction	inout		
	mt int			
	pList	100400740		
	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		
	Туре	ТгееМар		
	Direction	inout		
Author	d00136740			
Create Date Time	14-Dec-2012 12:16:44	14-Dec-2012 12:16:44		
Last Modified	14-Dec-2012 12:24:26	14-Dec-2012 12:24:26		
Static	false	false		
Leaf	false	false		
Ordered	false			
Unique	true			
Query	false	false		

#### References

E:\CA2-FlightControlSystem\src\mainApp.java	
Description	Source
Туре	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	false		
Root	false	false		
Quality Score	Very Bad	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	args			
	Author	d00136740			
	Create Date Time	14-Dec-2012 12:16:44			
	Last Modified	14-Dec-2012 12:24:26			
	Multiplicity	Unspecified			
	Type Modifier	0			
	Туре	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	false			
Unique	true	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

, moar : mt, relot : javalatiin lao	
name	
Author	d00136740
Create Date Time	14-Dec-2012 12:16:44
Last Modified	14-Dec-2012 12:24:26
Multiplicity	Unspecified
Туре	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
Туре	o 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
Туре	String
Direction	inout
fuelConsumption	100400740
Author	d00136740
Create Date Time	14-Dec-2012 12:16:44
Last Modified	14-Dec-2012 12:24:26
Multiplicity	Unspecified int
Туре	
Direction	inout
passengers	
Author	d00136740
Create Date Time	14-Dec-2012 12:16:44
Last Modified	14-Dec-2012 12:24:26
Multiplicity	Unspecified
Туре	int int
Direction	inout
year	T
Author	d00136740
Create Date Time	14-Dec-2012 12:16:44
Last Modified	14-Dec-2012 12:24:26
Multiplicity	Unspecified
Туре	o int
Direction	inout
month	
Author	d00136740
Create Date Time	14-Dec-2012 12:16:44
Last Modified	14-Dec-2012 12:10:44 14-Dec-2012 12:24:26
Multiplicity	Unspecified
Туре	int
Direction	inout
חוופטווטוו	Imout

	day	
	Author	d00136740
	Create Date Time	14-Dec-2012 12:16:44
	Last Modified	14-Dec-2012 12:24:26
	Multiplicity	Unspecified
	Туре	int 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
	Туре	int int
	Direction	inout
	at the	
	rList	100400740
	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
	Туре	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

E:\CA2-FlightControlSystem\src\Testing\TestTreeMap.java		
Description	Source	
Туре	File	

## **testPlane**

Name	Value	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	public		
Leaf	false	false		
Root	false	false		
Quality Score	Very Bad	Very Bad		
Quality Reason	Problem	Suggestion		
	Name does not contain glossary terms	Define name as term in glossary		
	Model element without any relationship	•		

#### **Attributes**

private name : String			
Author	d00136740		
Create Date Time	14-Dec-2012 12:16:44		
Last Modified	14-Dec-2012 12:24:26		
Туре	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 1	2:16:44		
Last Modified	14-Dec-2012 1	2:24:26		
Туре	o 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 1	2:16:44		
Last Modified	14-Dec-2012 1	2:24:26		
Туре	int 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 : Strin	ıg			
Author	d00136740			
Create Date Time	14-Dec-2012 1	2:16:44		
Last Modified	14-Dec-2012 1	2:24:26		
Туре	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 1	2:16:44		
Last Modified	14-Dec-2012 1	2:24:26		
Туре	o 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		
Туре	o 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 1	2:16:44		
Last Modified	14-Dec-2012 1	2:24:26		
Туре	int 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 1	2:16:44		
Last Modified	14-Dec-2012 1	2:24:26		
Туре	int 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 1	2:16:44		
Last Modified	14-Dec-2012 1	2:24:26		
Туре	java.util.Calend	lar		
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 1	2:16:44		
Last Modified	14-Dec-2012 1	2:24:26		
Туре	java.util.Calend	lar		
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	
	Туре	String	
	Direction	inout	
	fuel		
		100400740	
	Author	d00136740	
	Create Date Time	14-Dec-2012 12:16:44	
	Last Modified	14-Dec-2012 12:24:26	
	Multiplicity	Unspecified	
	Туре	int int	
	Direction	inout	
	рСоммону		
	pCompany		
	Author	d00136740	
	Create Date Time	14-Dec-2012 12:16:44	
	Last Modified	14-Dec-2012 12:24:26	
	Multiplicity	Unspecified	
	Туре	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		
		int		
	Type	-		
	Direction	inout		
	passengers			
	Author	d00136740		
	Create Date Time	14-Dec-2012 12:16:44		
	Last Modified	14-Dec-2012 12:24:26		
	Multiplicity	Unspecified		
	Туре	int int		
	Direction	inout		
Author	d00136740			
Create Date Time	14-Dec-2012 12:16:44			
Last Modified	14-Dec-2012 12:24:26			
Static	false	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

nt, hour : int)		
name		
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:24:26	
Multiplicity	Unspecified	
Туре	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	
Туре	o 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	
Туре	String	
Direction	inout	
fuelConsumption	100400740	
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:24:26	
Multiplicity	Unspecified int	
Туре		
Direction	inout	
passengers		
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:10:44	
Multiplicity	Unspecified	
Туре	int int	
Direction	inout	
year	T	
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:24:26	
Multiplicity	Unspecified	
Туре	o int	
Direction	inout	
month		
Author	d00136740	
Create Date Time	14-Dec-2012 12:16:44	
Last Modified	14-Dec-2012 12:10:44 14-Dec-2012 12:24:26	
Multiplicity	Unspecified	
Туре	int onspecified	
Direction	inout	
חוופטווטוו	Imout	

	day			
	Author	d00136740		
	Create Date Time	14-Dec-2012 12:16:44		
	Last Modified	14-Dec-2012 12:24:26		
	Multiplicity	Unspecified		
	Туре	o 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		
	Туре	o int		
	Direction	inout		
Author	d00136740			
Create Date Time	14-Dec-2012 12:16:44			
Last Modified	14-Dec-2012 12:24:26	14-Dec-2012 12:24:26		
Static	false	false		
Leaf	false	false		
Ordered	false	false		
Unique	true	true		
Query	false	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	year	year		
	Author	d00136740		
	Create Date Time	14-Dec-2012 12:16:44		
	Last Modified	14-Dec-2012 12:24:26		
	Multiplicity	Unspecified		
	Туре	int 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		
	Туре	int 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		
	hour			
	Author	d00136740		
	Create Date Time	14-Dec-2012 12:16:44		
	Last Modified	14-Dec-2012 12:24:26		
	Multiplicity	Unspecified		
	Туре	int		
	Direction	inout		
Author	d00136740			
Create Date Time	14-Dec-2012 12:16:44			
Last Modified	14-Dec-2012 12:24:26	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	0		
	Author	d00136740	
	Create Date Time	14-Dec-2012 12:16:44	
	Last Modified	14-Dec-2012 12:24:26	
	Multiplicity	Unspecified	
	Туре	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	
Туре	File	