

CommittedBoy	
status	String
type	String
name	String
attractivness	double
intelligence	double
budget	double
min_attr_req	double
happiness	double
girlfriend	CommittedGirl
r	Random
CommittedBoy(String, String, String, double, doubl	
countHappiness(CommittedGirl, Gift)	

Gift	
type	String
name	String
price	Double
value	Double
rating	Double
difficulty	Double
utilityValue	Double
utilityClass	String
r	Random
Gift(String, String, Double, Double)	
Gift(String, String, Double, Double, Double, Dou	
Gift(String, String, Double, Double, Double, Strin	

CommittedGirl	
status	String
type	String
name	String
attractivness	Double
intelligence	Double
maintenanceCost	Double
boyfriend	CommittedBoy
happiness	Double
r	Random
CommittedGirl(String, String, String, Double, Dc	
countHappiness(Gift)	

MakeCouple	
i	int
j	int
csvFile	String
line	String
csvSplit	String
buff	BufferedReader
makecouple1(CommittedBoy)	
getgifts(Gift[])	

Couple	
girl	CommittedGirl
happiness	double
compatibility	double
Couple(CommittedGirl)	
countHappiness()	
countCompability()	

Util	
ioFilename	String
comma	String
newLine	String
generateGifts(int)	
generategirls(int)	
generateboys(int)	

GenerateInput	
GenerateInput(CommittedGirl[])	

Givegifts	
givegifts(Couple[])	

Log	
info(String)	