```
<<Java Class>>
                      Fractal
-re start: double
-re_end: double
-im_start: double
-im_end: double
-iter: int
-size: int
-select: boolean
#validity: boolean
+Fractal(double, double, double, int,)
+Fractal(double,double,int)
-printPoint(Graphics2D,Color,double,double): void
+paintComponent(Graphics): void
+errorMessage(): void
+errorIter(): void
+main(String[])(): void
                   ~mb
                   0..1
                   <<Java Class>>
                        Set
-re_start: double
-re_end: double
-im start: double
-im_end: double
#validity: boolean
-x: double
-y: double
-n iter: int
-xc: double
-yc: double
+Set(double,double,double,)
+Set(double,double)
+interestR(int,int,int): void
+checkValidity(double,double,int,boolean): boolean
+getX(): double
+getY(): double
+getIter(): int
```