My Project

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Chapter 1

Hierarchical Index

1.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

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Chapter 2

Class Index

2.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

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OngletGraph 9
OngletInfos 10
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OngletKaleidocycleT 11
OngletKaleidos 13
OngletKaleidosT 14

Chapter 3

Class Documentation

3.1 Cycle Class Reference

Public Member Functions

- Cycle (String[ ] entiers)

  le %12 de la somme des elements du module
- void calculComposante (int x)
- void **calculPhases** ()
- void calculCycle ()

3.1.1 Constructor & Destructor Documentation

3.1.1.1 Cycle()

```
Cycle.Cycle (
            String[] entiers )  [inline]
```

le %12 de la somme des elements du module

conversion au fur et a mesure String -> Integer

enregistrement du module

calcul de la somme des elements du module

mise au %12 pour obtenir la base

3.1.2 Member Function Documentation

3.1.2.1 calculComposante()

```
void Cycle.calculComposante (
            int x )  [inline]
```

ajout d'une colonne a la liste

si on a affaire a la 1ere composante, composante_0

calcul de la somme cumulative

calcul du %12 de la somme

si on a affaire a composante_x , x>=1

calculs identiques, en ajoutant a chaque terme la base le composante_(x-1)

ajout de la nouvelle base

calcul de la somme cumulative

calcul du %12 de la somme

3.1.2.2 calculCycle()

```
void Cycle.calculCycle ( )  [inline]
```

calcul de la composante_0

on recommence tant qu'aucune composante ne finit par 0

The documentation for this class was generated from the following file:

- Cycle.java

3.2 Kaleidocycle Class Reference

Public Member Functions

- Kaleidocycle (Cycle c, Kaleidos k)

3.2.1 Constructor & Destructor Documentation

3.2.1.1 Kaleidocycle()

```
Kaleidocycle.Kaleidocycle (
            Cycle c,
            Kaleidos k )  [inline]
```

size of the cycle (unique ones before it starts being repeated again)

add cycles to the arrayList

add the composantes to the list (calculates in the Kaleidos.java)

The documentation for this class was generated from the following file:

- Kaleidocycle.java

3.3 Kaleidos Class Reference

Public Member Functions

- Kaleidos (Cycle c)
- void **calculeComposantes** (Cycle c)

3.3.1 Constructor & Destructor Documentation

3.3.1.1 Kaleidos()

```
Kaleidos.Kaleidos (
            Cycle c )  [inline]
```

add to the accessory list each value of the module

add to the vertical structure an entry

add to the vertical structure the module i to the entry 0

calculate the values of the composantes of the module

The documentation for this class was generated from the following file:

- Kaleidos.java

3.4 main Class Reference

Static Public Member Functions

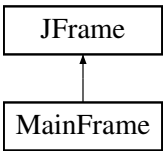
- static void **main** (String[ ] args)

The documentation for this class was generated from the following file:

- main.java

3.5 MainFrame Class Reference

Inheritance diagram for MainFrame:



Public Member Functions

- MainFrame (Cycle c, Kaleidocycle kc)

3.5.1 Constructor & Destructor Documentation

3.5.1.1 MainFrame()

```
MainFrame.MainFrame (
            Cycle c,
            Kaleidocycle kc )  [inline]
```

parametres generaux

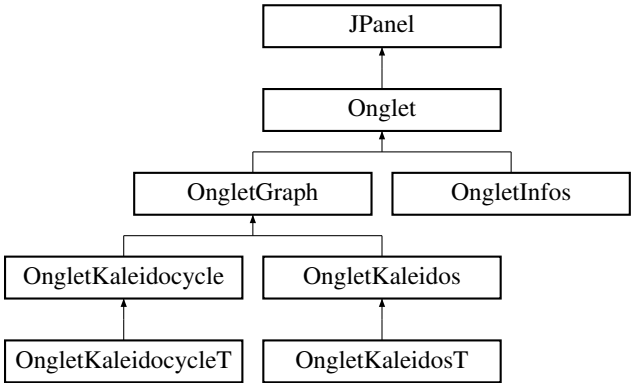
creation des onglets

The documentation for this class was generated from the following file:

- MainFrame.java

3.6 Onglet Class Reference

Inheritance diagram for Onglet:



Public Member Functions

- void initBas (Cycle c)

3.6.1 Member Function Documentation

3.6.1.1 initBas()

```
void Onglet.initBas (
            Cycle c )  [inline]
```

Display the module at the bottom of the screen

Display the composante at the bottom of the screen

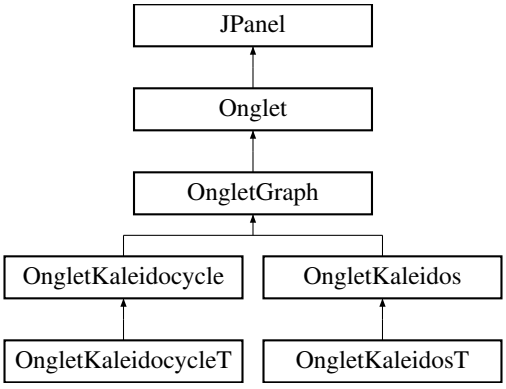
Display the phases at the bottom of the screen

The documentation for this class was generated from the following file:

- Onglet.java

3.7 OngletGraph Class Reference

Inheritance diagram for OngletGraph:



Public Member Functions

- void **initCouleurs** ()

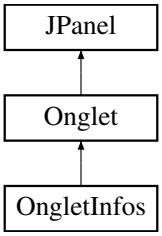
  Initialise le tableau de couleurs.

The documentation for this class was generated from the following file:

- OngletGraph.java

3.8 OngletInfos Class Reference

Inheritance diagram for OngletInfos:



Public Member Functions

- void initHaut ()
- void initZoneAff ()
- void **rempliZoneAff** (Cycle c)

  add the values to the JLabel attributes

3.8.1 Member Function Documentation

3.8.1.1 initHaut()

```
void OngletInfos.initHaut ( )  [inline]
```

Reimplemented from Onglet.

3.8.1.2 initZoneAff()

```
void OngletInfos.initZoneAff ( )  [inline]
```

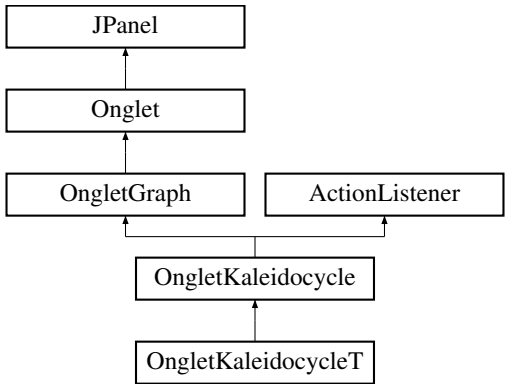
Reimplemented from Onglet.

The documentation for this class was generated from the following file:

- OngletInfos.java

3.9 OngletKaleidocycle Class Reference

Inheritance diagram for OngletKaleidocycle:



Public Member Functions

- **OngletKaleidocycle** (Cycle c, Kaleidocycle kc)
- void initZoneAff ()
- void **actionPerformed** (ActionEvent e)

3.9.1 Member Function Documentation

3.9.1.1 initZoneAff()

```
void OngletKaleidocycle.initZoneAff ( )  [inline]
```

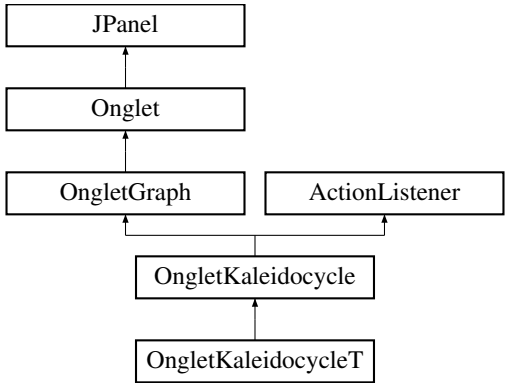
Reimplemented from OngletGraph.

The documentation for this class was generated from the following file:

- OngletKaleidocycle.java

3.10 OngletKaleidocycleT Class Reference

Inheritance diagram for OngletKaleidocycleT:



Public Member Functions

- **OngletKaleidocycleT** (Cycle c, Kaleidocycle kc)
- void **completeHaut** ()
- void **calculeComposantesT** ()
- void affComplet ()
- void affPartiel (int[ ] tab)
- void actionPerformed (ActionEvent e)

3.10.1 Member Function Documentation

3.10.1.1 actionPerformed()

```
void OngletKaleidocycleT.actionPerformed (
            ActionEvent e )  [inline]
```

Reimplemented from OngletKaleidocycle.

3.10.1.2 affComplet()

```
void OngletKaleidocycleT.affComplet ( )  [inline]
```

Reimplemented from OngletKaleidocycle.

3.10.1.3 affPartiel()

```
void OngletKaleidocycleT.affPartiel (
            int[] tab )  [inline]
```

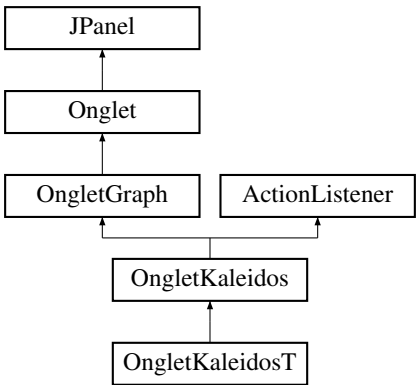
Reimplemented from OngletKaleidocycle.

The documentation for this class was generated from the following file:

- OngletKaleidocycleT.java

3.11 OngletKaleidos Class Reference

Inheritance diagram for OngletKaleidos:



Public Member Functions

- **OngletKaleidos** (Cycle c)
- void initZoneAff ()
- void affComplet ()
- void affPartiel (int[ ] tab)

  same logique as above but by selecting the column
- void **actionPerformed** (ActionEvent e)

3.11.1 Member Function Documentation

3.11.1.1 affComplet()

```
void OngletKaleidos.affComplet ( )  [inline]
```

rows

columns

si coin inferieur gauche

si axe des ordonnees

si axe des abscisses

si case du graph

add colored square for each value in the composante

Reimplemented from OngletGraph.

3.11.1.2 affPartiel()

```
void OngletKaleidos.affPartiel (
            int[] tab )  [inline]
```

same logique as above but by selecting the column

Reimplemented from OngletGraph.

Reimplemented in OngletKaleidosT.

3.11.1.3 initZoneAff()

```
void OngletKaleidos.initZoneAff ( )  [inline]
```

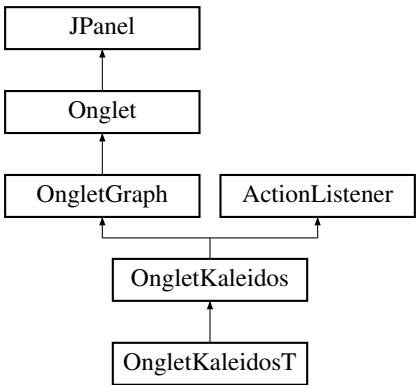
Reimplemented from OngletGraph.

The documentation for this class was generated from the following file:

- OngletKaleidos.java

3.12 OngletKaleidosT Class Reference

Inheritance diagram for OngletKaleidosT:



Public Member Functions

- **OngletKaleidosT** (Cycle c)
- void **completeHaut** ()
- void **calculeComposantesT** ()
- void initZoneAff ()
- void affComplet ()
- void affPartiel (int[ ] tab)

  same logique as above but by selecting the column
- void actionPerformed (ActionEvent e)

3.12.1 Member Function Documentation

3.12.1.1 actionPerformed()

```
void OngletKaleidosT.actionPerformed (
            ActionEvent e )  [inline]
```

Reimplemented from OngletKaleidos.

3.12.1.2 affComplet()

```
void OngletKaleidosT.affComplet ( )  [inline]
```

Reimplemented from OngletKaleidos.

3.12.1.3 affPartiel()

```
void OngletKaleidosT.affPartiel (
            int[] tab )  [inline]
```

same logique as above but by selecting the column

Reimplemented from OngletKaleidos.

3.12.1.4 initZoneAff()

```
void OngletKaleidosT.initZoneAff ( )  [inline]
```

Reimplemented from OngletKaleidos.

The documentation for this class was generated from the following file:

- OngletKaleidosT.java

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