

JAVA Project game 13!

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Presentation 03.06 2019

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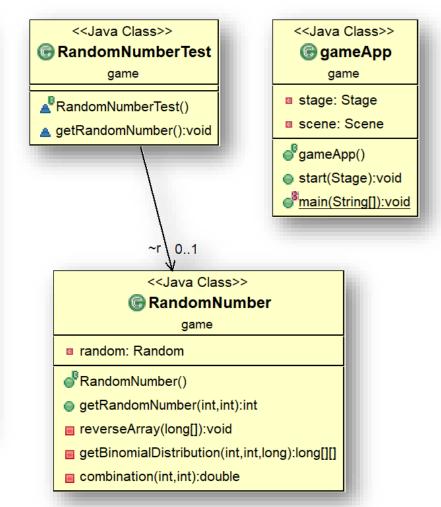


UML class diagram

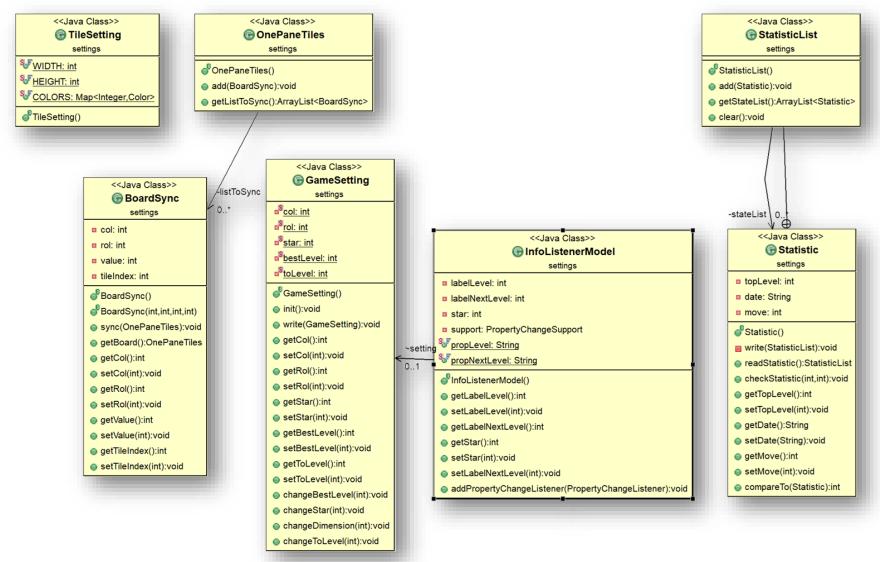
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UML class diagram 1/3

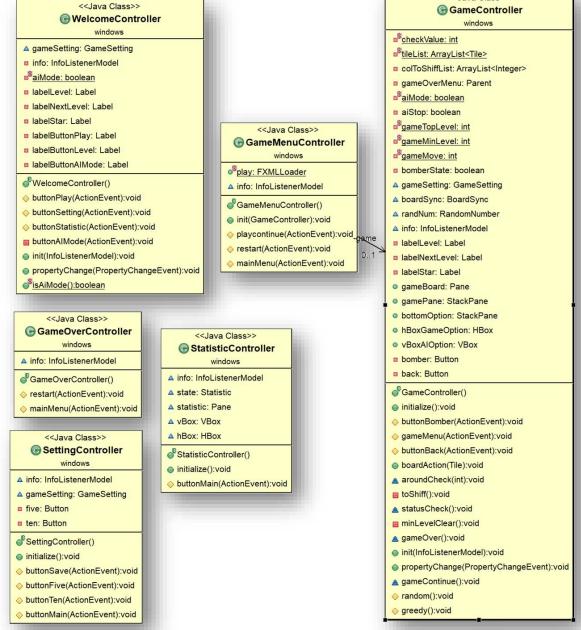




UML class diagram 2/3

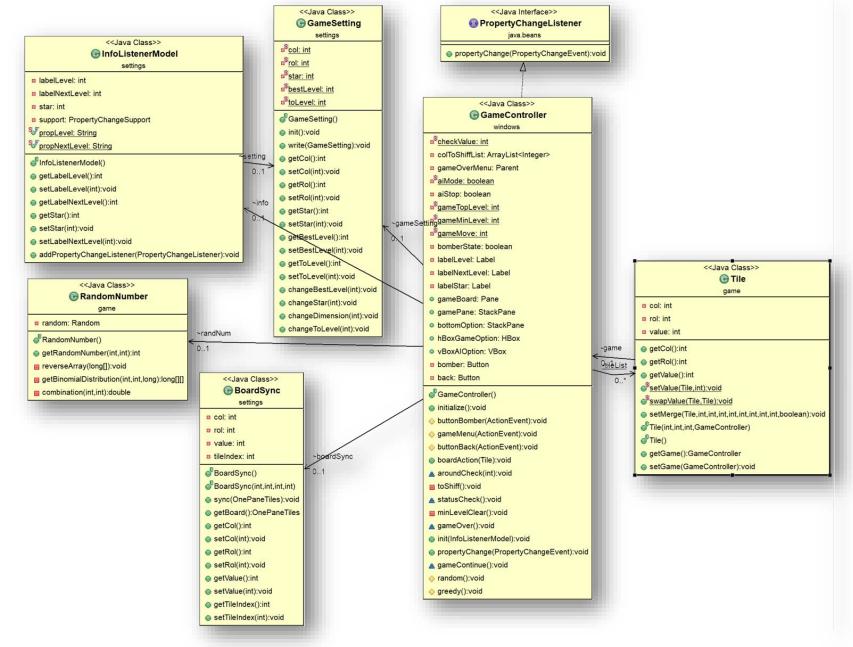


UML class diagram 3/3



<<Java Class>>

UML class diagram vom Spiel

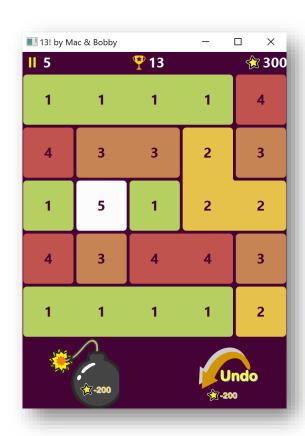




Interesting code snippets (e.g. observer pattern)

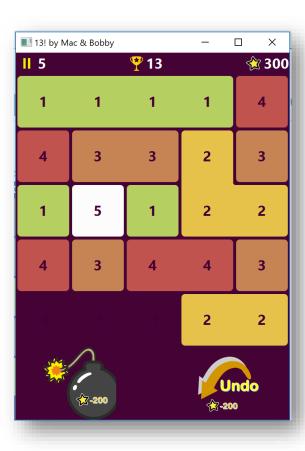
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Set -1

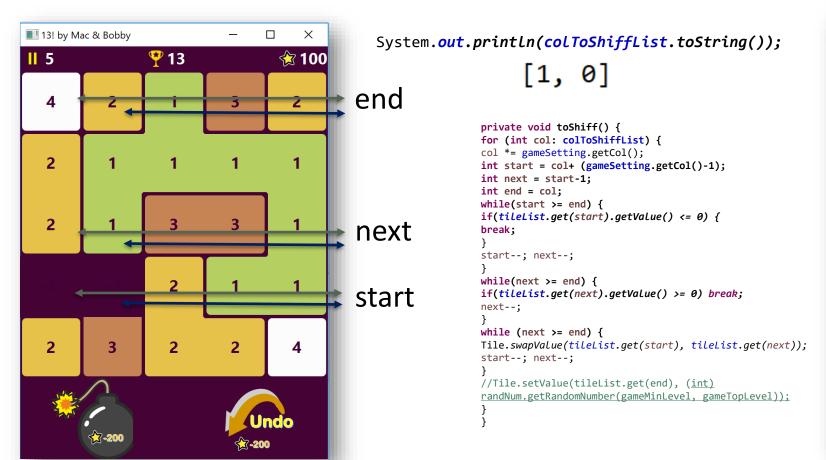


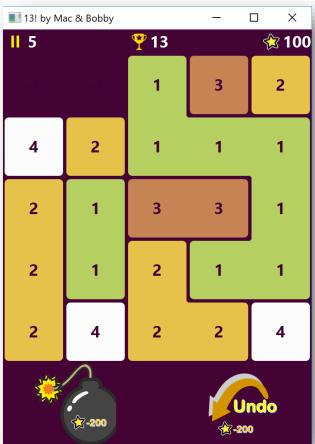
void aroundCheck(int tilePos) {

```
if(tilePos-gameSetting.getCol() >= 0 &&
 checkValue == tileList.get(tilePos-gameSetting.getCol()).getValue()) {
Tile.setValue(tileList.get(tilePos-gameSetting.getCol()), -1);
colToShiffList.add(tileList.get(tilePos-gameSetting.getCol()).getCol());
aroundCheck(tilePos-gameSetting.getCol());
If (tilePos+gameSetting.getCol() <= tileList.size()-1 &&
checkValue == tileList.get(tilePos+gameSetting.getCol()).getValue()) {
Tile.setValue(tileList.get(tilePos+gameSetting.getCol()), -1);
colToShiffList.add(tileList.get(tilePos+gameSetting.getCol()).getCol());
aroundCheck(tilePos+gameSetting.getCol());
If ( tilePos-1 >= 0 &&
tileList.get(tilePos).getCol() == tileList.get(tilePos-1).getCol()&&
checkValue == tileList.get(tilePos-1).getValue()) {
Tile.setValue(tileList.get(tilePos-1), -1);
colToShiffList.add(tileList.get(tilePos-1).getCol());
aroundCheck(tilePos-1);
If (tilePos+1 <= tileList.size()-1 &&
tileList.get(tilePos).getCol() == tileList.get(tilePos+1).getCol()&&
checkValue == tileList.get(tilePos+1).getValue()) {
Tile.setValue(tileList.get(tilePos+1), -1);
colToShiffList.add(tileList.get(tilePos+1).getCol());
aroundCheck(tilePos+1);
toShiff();
colToShiffList.clear();
```



Shift Function





Observer

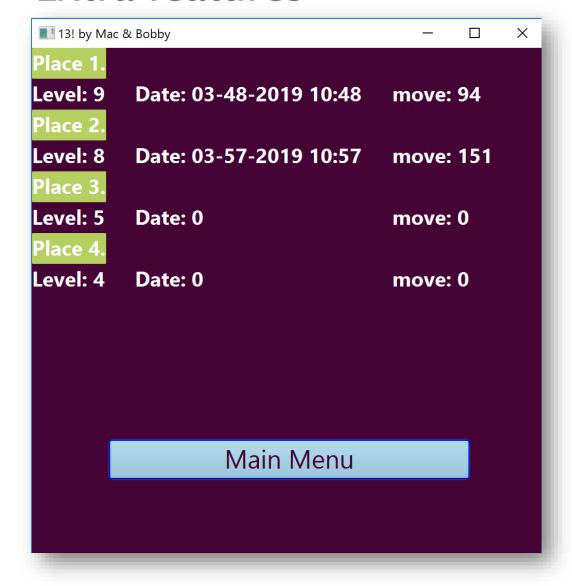


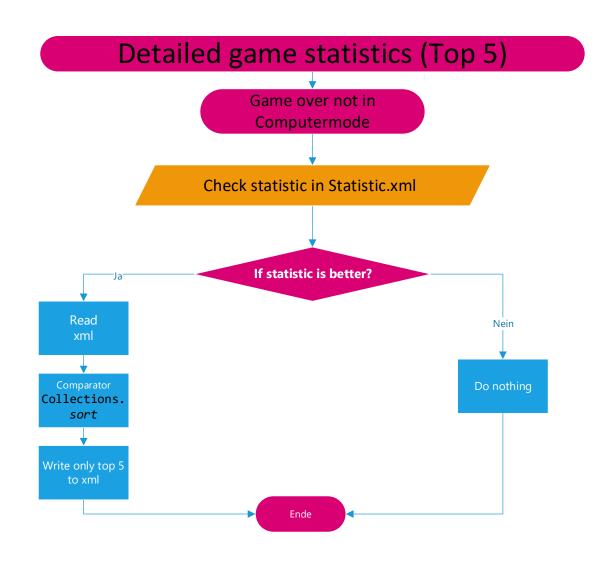


Extra features

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Extra features







Thank you

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