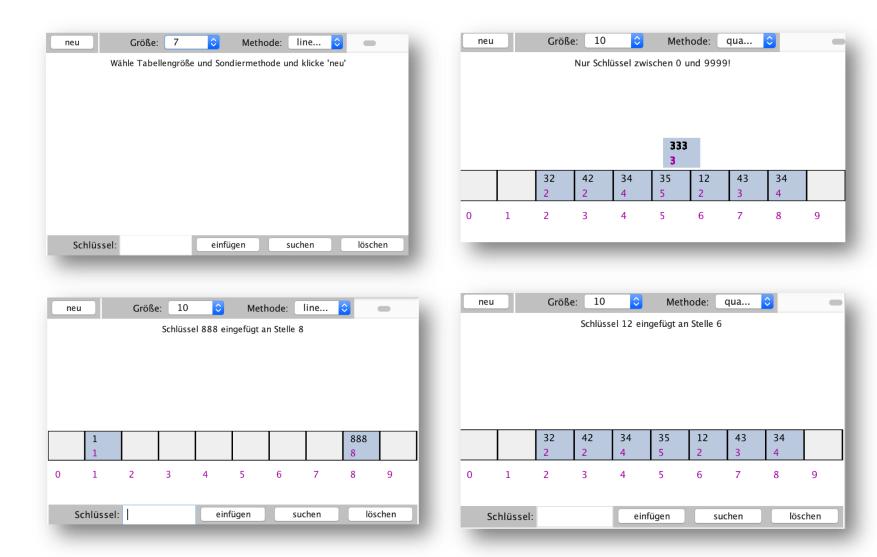
Applet 1 - "Interne Verkettung"

Insert, search and delete values in a hashtable

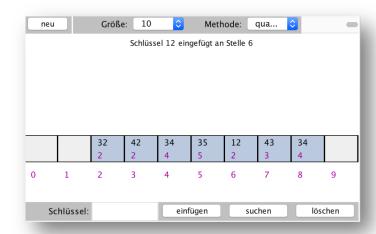


Applet 1 - "Interne Verkettung"

Insert, search and delete values in a hashtable

Current Status

| YES | Applet ported (dir /new-applets) |
|-----|-------------------------------------|
| YES | Create new table is working ("neu") |
| YES | Change Table size working ("Größe") |
| YES | Change Method working ("Methode") |
| YES | Insert products working |
| YES | Search products working |
| YES | Delete products working |
| NO | Change Speed working |
| NO | Animations working |



Applet 1 - "Interne Verkettung"

Insert, search and delete values in a hashtable

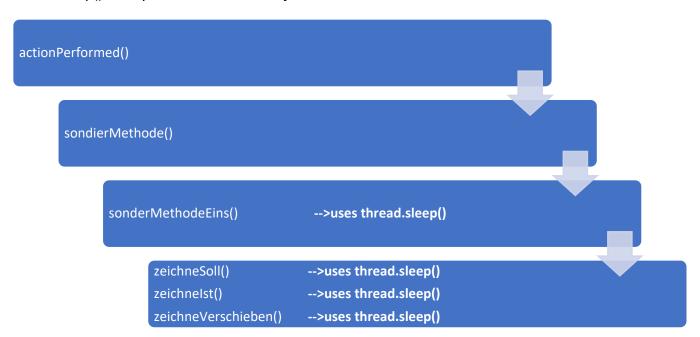
Problem Description

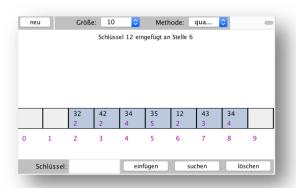
I am pretty sure that thread.sleep() causes the problem with the animations.

I have tried to replace thread.sleep() with the solution ideas you see on the image on the right but it did not work.

You can see the animation on the videos that I took for you in the same directory as this presentation

Thread.sleep() is only used in HashTabelle.java





```
//Original implementation via thread
try {
    Thread.sleep(PAUSE);
catch (InterruptedException e) { e.printStackTrace(); }
       // TODO Auto-generated catch block
```

Applet 2 - "Kollisionen"

Different Collisions with differend hashfunctions/table sizes

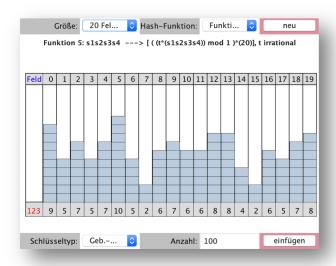


Applet 2 - "Kollisionen"

Different Collisions with differend hashfunctions/table sizes

Current Status

| YES | Applet ported (dir /new-applets) |
|-----|---|
| YES | Create new table is working ("neu") |
| YES | Insert elements is working ("einfügen") |
| YES | Change function working ("Hash-Funktion") |
| YES | Change table size working ("Größe") |
| YES | Change key type ("Schlüsseltyp") |
| YES | Delete products working |
| NO | Table placement working correct |
| | |



Applet 2 - "Kollisionen"

Different Collisions with differend hashfunctions/table sizes

Problem Description

The placement of the table is looking a bit strange. It's initialized correctly but when I change the state of a field the table is displayed with an offset somehow

The method zeichneTabelle is located in Tabelle.java and draws the table. In the beginning the old table is overpainted.

When I add line 72 repaint(); the table is placed correctly but the program will become notchy afterwards

Please also see the clips in this dir: applet2-JavaScript-line72-before applet2-JavaScript-line72-after

```
public void zeichneTabelle(Graphics g) {

// Overpaint everything
g.setColor(Color.white);
g.fillRect(0,0,545,350);
g.setColor(Color.black);

//repaint();
```

