

Präsentation von Assignment 4

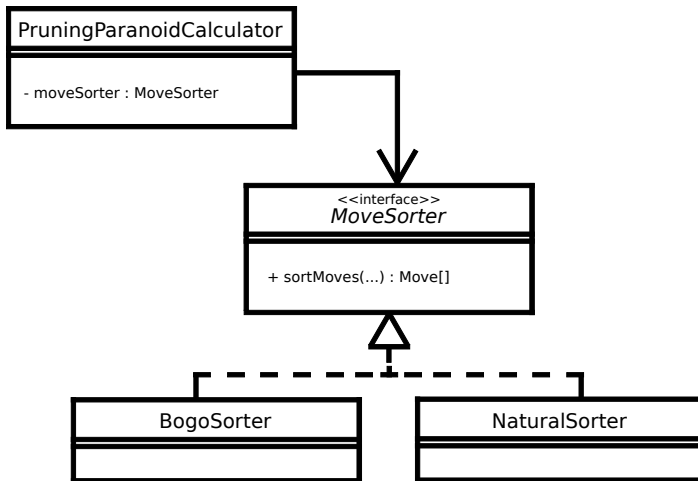
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Gruppe3

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MoveSorting - Klassendiagramm



Building-Phase:

1. Bonus - Override
2. Choice
3. Bonus - Bomb
4. Inversion
5. Normal
6. Overrideuse
7. Overrideuse - Self

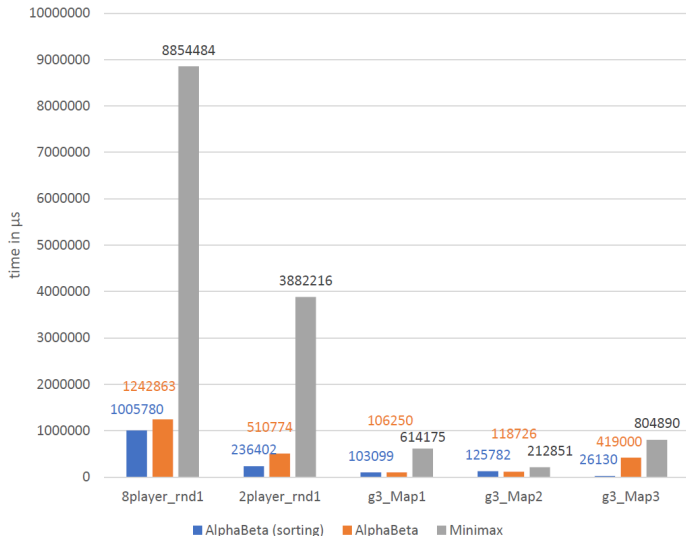
Building-Phase:

1. Bonus - Override
2. Choice
3. Bonus - Bomb
4. Inversion
5. Normal
6. Overrideuse
7. Overrideuse - Self

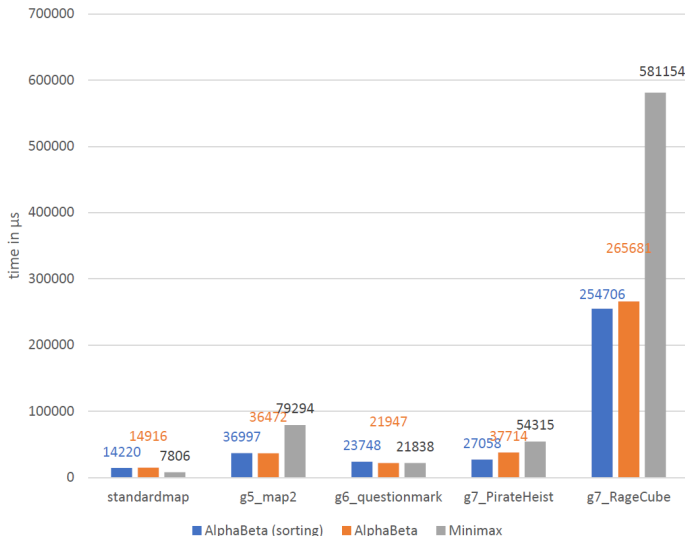
Bombing-Phase:

1. Normal
2. Selfbomb

Durchschnittliche Zeiten pro Zug auf Tiefe 2



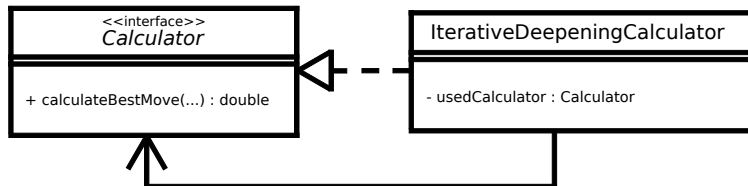
Durchschnittliche Zeiten pro Zug auf Tiefe 2



Performance

| Map | Algorithmus | Sorting | Depth | totalTimeAvg |
|------------------|-------------|---------|-------|-------------------|
| standard_map.txt | MiniMax | nein | 1 | 6.077 μ s |
| standard_map.txt | AlphaBeta | nein | 1 | 7.124 μ s |
| standard_map.txt | AlphaBeta | ja | 1 | 6.875 μ s |
| standard_map.txt | MiniMax | nein | 2 | 17.107 μ s |
| standard_map.txt | AlphaBeta | nein | 2 | 15.472 μ s |
| standard_map.txt | AlphaBeta | ja | 2 | 16.106 μ s |
| standard_map.txt | MiniMax | nein | 3 | 44.321 μ s |
| standard_map.txt | AlphaBeta | nein | 3 | 35.065 μ s |
| standard_map.txt | AlphaBeta | ja | 3 | 32.342 μ s |
| standard_map.txt | MiniMax | nein | 4 | 79.881 μ s |
| standard_map.txt | AlphaBeta | nein | 4 | 41.341 μ s |
| standard_map.txt | AlphaBeta | ja | 4 | 40.974 μ s |
| standard_map.txt | MiniMax | nein | 5 | 529.739 μ s |
| standard_map.txt | AlphaBeta | nein | 5 | 54.468 μ s |
| standard_map.txt | AlphaBeta | ja | 5 | 56.217 μ s |
| standard_map.txt | MiniMax | nein | 6 | 3.334.521 μ s |
| standard_map.txt | AlphaBeta | nein | 6 | 210.870 μ s |
| standard_map.txt | AlphaBeta | ja | 6 | 217.262 μ s |

Iterative Deepening - Klassendiagramm



Iterative Deepening - Programmfluss

