

MarioAI Benchmark. Level Generator. Usage examples.

Here are some examples how to use combination of various options.

Launch the benchmark as usual : `java~ch.idsia.scenarios.Main [params]`.

Short form is used further in the text: `Main -lco off`.

1. A flat level¹:
`Main~-lco~off~-lb~off~-le~off~-lhb~off~-lg~off~-ltb~off~-lhs~off~-lc~off~-lde~off~-lf~on.`
2. A flat level with blocks:
`Main~-lco~off~-lb~on~-le~off~-lhb~off~-lg~off~-ltb~off~-lhs~off~-lc~off~-lde~off~-lf~on.`
3. Blocks and coins:
`Main~-lco~on~-lb~on~-le~off~-lhb~off~-lg~off~-ltb~off~-lhs~off~-lc~off~-lde~off.`
4. Blocks, creatures² and coins:
`Main~-lco~on~-lb~on~-le~g,gw,gk,gkw,rk,rkw,s,sw~-lhb~off~-lg~off~-ltb~off~-lhs~off~-lc~off~-lde~off.`
5. Blocks, hidden blocks and coins:
`Main~-lco~on~-lb~on~-le~0~-lhb~on~-lg~off~-ltb~off~-lhs~off~-lc~off~-lde~off.`
6. Blocks, hidden blocks, coins and creatures:
`Main~-lco~on~-lb~on~-le~g,gw,gk,gkw,rk,rkw,s,sw~-lhb~on~-lg~off~-ltb~off~-lhs~off~-lc~off~-lde~off.`
7. Deadends and blocks:
`Main~-lco~off~-lb~on~-le~off~-lhb~off~-lg~off~-ltb~off~-lhs~off~-lc~off~-lde~on.`
8. Deadends, blocks and hidden blocks:
`Main~-lco~off~-lb~on~-le~off~-lhb~on~-lg~off~-ltb~off~-lhs~off~-lc~off~-lde~on.`
9. Deadends and hidden blocks:
`Main~-lco~off~-lb~off~-le~off~-lhb~on~-lg~off~-ltb~off~-lhs~off~-lc~off~-lde~on.`
10. Deadends, blocks, hidden blocks and creatures:
`Main~-lco~off~-lb~on~-le~g,gw,gk,gkw,rk,rkw,s,sw~-lhb~on~-lg~off~-ltb~off~-lhs~off~-lc~off~-lde~on.`
11. A flat level with tubes:
`Main~-lco~off~-lb~off~-le~off~-lhb~off~-lg~off~-ltb~on~-lhs~off~-lc~off~-lde~off~-lf~on.`
12. A flat level with gaps:
`Main~-lco~off~-lb~off~-le~off~-lhb~off~-lg~on~-ltb~off~-lhs~off~-lc~off~-lde~off~-lf~on.`
13. Tubes and gaps:
`Main~-lco~off~-lb~off~-le~off~-lhb~off~-lg~on~-ltb~on~-lhs~off~-lc~off~-lde~off.`
14. Cannons:
`Main~-lco~off~-lb~off~-le~off~-lhb~off~-lg~off~-ltb~off~-lhs~off~-lc~on~-lde~off.`
15. Tubes, gaps and cannons:
`Main~-lco~off~-lb~off~-le~off~-lhb~off~-lg~on~-ltb~on~-lhs~off~-lc~on~-lde~off.`
16. Goomba and winged spiky³:
`Main~-lco~off~-lb~off~-le~g,ws~-lhb~off~-lg~off~-ltb~off~-lhs~off~-lc~off~-lde~off.`
17. Deadends and red koopa:
`Main~-lco~off~-lb~off~-le~rk~-lhb~off~-lg~off~-ltb~off~-lhs~off~-lc~off~-lde~on.`
18. Mario gravity:
`Main~-mgr~1.4.`

¹Here and further option `-le` used with key `off` to disable creatures.

²Here and further option `-le` used with key `g,gw,gk,gkw,rk,rkw,s,sw` to enable creatures on the level. In this case selected creatures will be placed on the level regardless of the difficulty of the level.

³here and further option `-le` used with different key (e.g. `g,sw`). In this case selected creatures will be placed on the level regardless of the difficulty of the level.

19. Mario gravity and creatures gravity:
Main~mgr~1.4~cgr~0.8.