Results of programming project competition
02285 AI and MAS, F23

- Teams get two scores per level: one for number of actions (action cost), and one for time spent (time cost).
- Each score is a number 0.00-1.00.
- Score is 1.00 for best known solution (minimum action cost, minimum time cost).
- Score is 0.00 if level is not solved.
- Otherwise the action score for team X on level L is

$$\frac{\text{least number of actions used by any team on level } L}{\text{number of actions used by team } X \text{ on level } L}$$

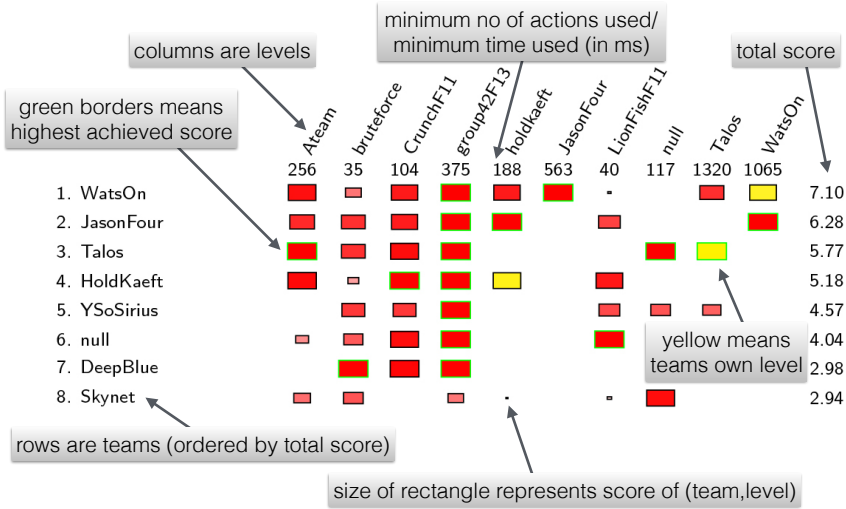
  and the time score is, for some constant c,

$$1 - c \log\left(\frac{\text{time spent by team } X \text{ on level } L}{\text{least time spent by any team on level } L}\right)$$

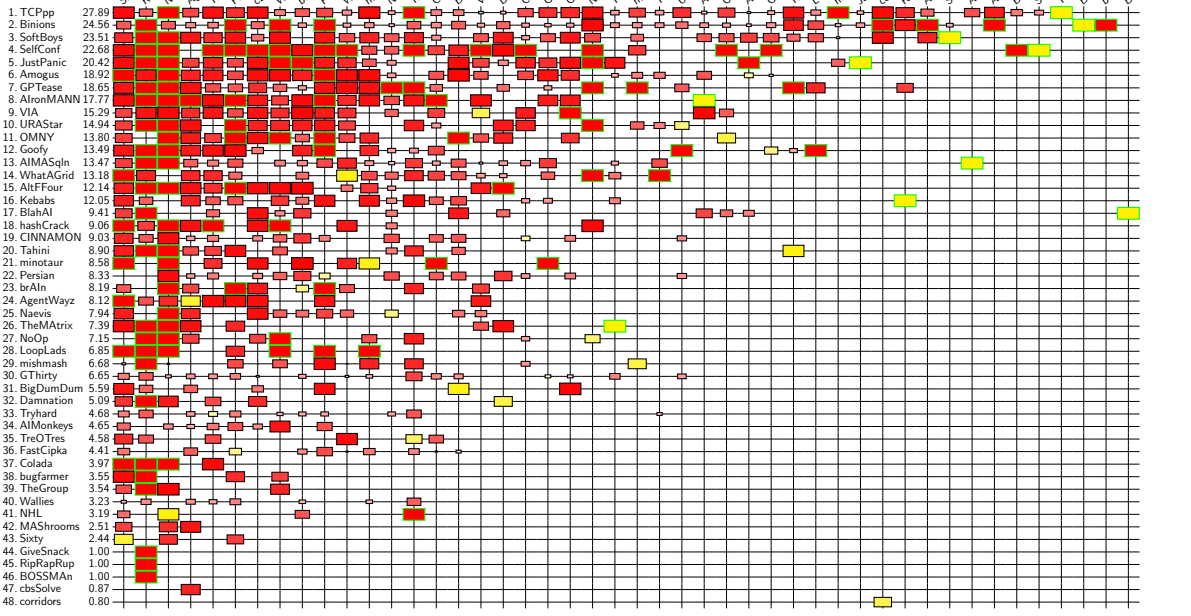
- The action and time scores obtained on the individual levels within a track are summed up. For each track there are two winners: those with largest action score sum, and those with largest time score sum.

Prizes are generously sponsored by PDC:

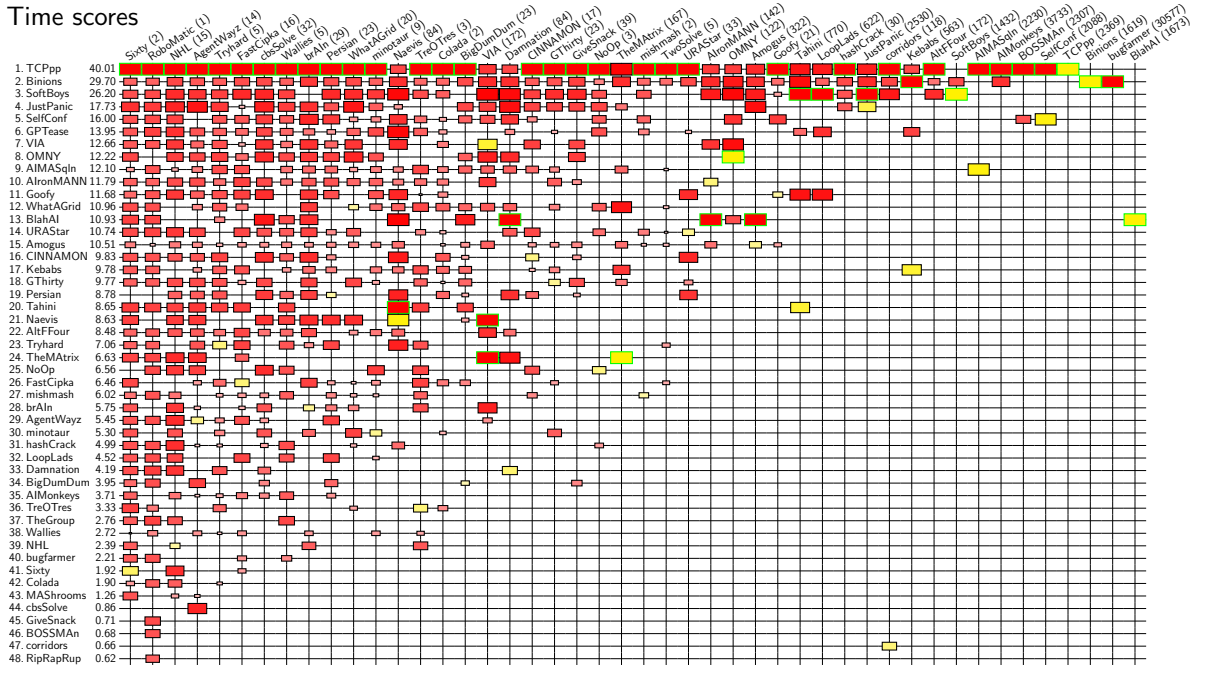
The table on the following slide shows the **action scores**. Example of formatting of scoring table (old version):



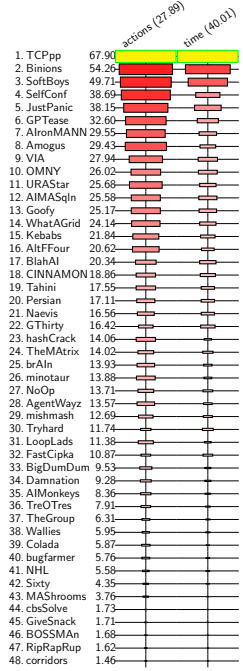
Action scores



Time scores


Sixty (2)
RobaMatic (1)
NHL (15)
AgentWayz (14)
Tryhard (5)
FastCipka (16)
cbsSolve (32)
Wallies (5)
brAIn (29)
Persian (23)
WhatAGrid (20)
minotaur (9)
Naevis (84)
TreOTres (3)
Colada (2)
BigDumDum (23)
VIA (172)
Damnation (84)
CINNAMON (17)
GThirty (25)
GiveSnack (39)
NoOp (3)
TheMAtrix (167)
mishmash (2)
TwoSolve (5)
URAStar (33)
AlronMANN (142)
OMNY (122)
Amogus (322)
Goofy (21)
Tahini (770)
LoopLads (622)
hashCrack (30)
JustPanic (2590)
corridors (118)
Kebabs (363)
AltFFour (172)
SoftBoys (1432)
AIMAsqIn (2230)
AIMonkeys (3733)
BOSSMAn (2307)
SelfConf (2686)
TCPpp (2369)
Binions (1619)
bugfarmer (30577)
BlahAI (1673)
1. TCPpp 40.01
2. Binions 29.70
3. SoftBoys 26.20
4. JustPanic 17.73
5. SelfConf 16.00
6. GPTease 13.95
7. VIA 12.66
8. OMNY 12.22
9. AIMASqIn 12.10
10. AlronMANN 11.79
11. Goofy 11.68
12. WhatAGrid 10.96
13. BlahAI 10.93
14. URAStar 10.74
15. Amogus 10.51
16. CINNAMON 9.83
17. Kebabs 9.78
18. GThirty 9.77
19. Persian 8.78
20. Tahini 8.65
21. Naevis 8.63
22. AltFFour 8.48
23. Tryhard 7.06
24. TheMAtrix 6.63
25. NoOp 6.56
26. FastCipka 6.46
27. mishmash 6.02
28. brAIn 5.75
29. AgentWayz 5.45
30. minotaur 5.30
31. hashCrack 4.99
32. LoopLads 4.52
33. Damnation 4.19
34. BigDumDum 3.95
35. AIMonkeys 3.71
36. TreOTres 3.33
37. TheGroup 2.76
38. Wallies 2.72
39. NHL 2.39
40. bugfarmer 2.21
41. Sixty 1.92
42. Colada 1.90
43. MAShrooms 1.26
44. cbsSolve 0.86
45. GiveSnack 0.71
46. BOSSMAn 0.68
47. corridors 0.66
48. RipRapRup 0.62

Overall scores



The “most interesting level” prize goes to

JustPanic