

Faculty of Mathematics and Physics
Charles University in Prague
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UT2004 bots made easy!

Pogamut 3

Hide&Seek! Tournament Debriefing

Hide&Seek Tournament



Tournament Setup

- 10 Participants + 2 Participants from 2013 (3rd, 4th)
- 3-4-5-6 Bots per Match
- 11 Matches
- Pseudo Double-Elimination Tournament System
- Points scoring ~ more == better
- No ties occurred

Tournament Scoring

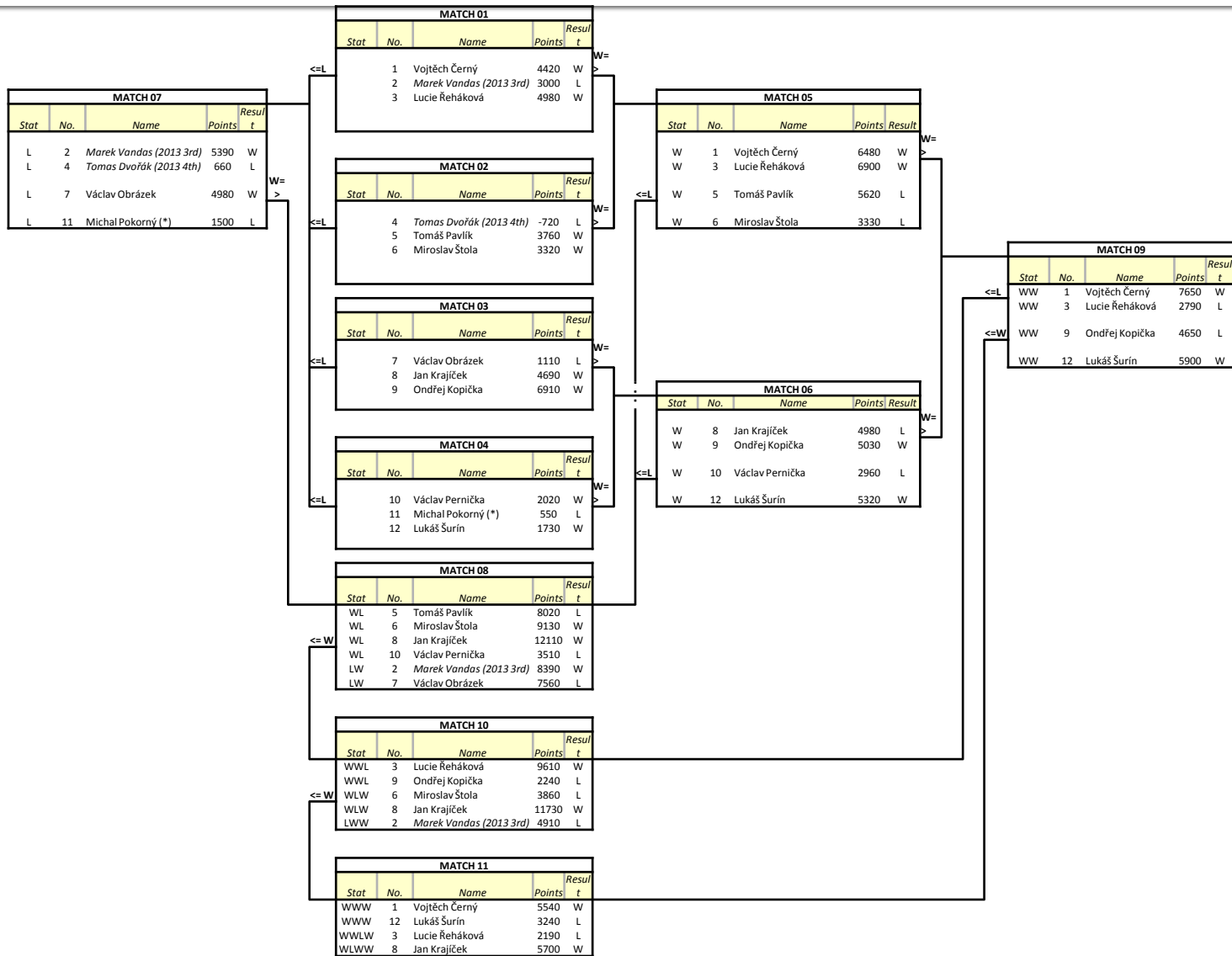
- Win/Lose counting
- Win/Lose sequence determined the final place
- 7 participants (58%) rewarded

Legend	
Stat	Meaning
W	Win
L	Lose

Resolution	
Stat	Final place
WWWW	1-2
WWLWW	1-2
WLWWW	1-2
LWWWW	1-2
WWLWL	3-4
WLWWL	3-4
LWWWL	3-4
WWLL	5-7
WLWL	5-7
WLL	8-10
LWL	8-10
LL	11-12

Resolution	
Final place	Bonus points
1	16
2	12
3	8
4	8
5	4
6	4
7	4
8-12	0

Tournament Setup



Tournament Highlights

Match 01 – Game 01

By Filip Stočes

- Being active seeker is OK
- ~ 1790 points in this game

Tournament Highlights

See Videos folder

Seeker == Catcher

Advices / Options to try

- **Generated the most points in the game**
- Camping is good strategy
 - But there are options how to slip past!
- Having own “runner” might work better than standard navigation
 - Can be faster around corners + jumping in straight lines
- Be sure to look behind you when you’re running once in a while
- Compute cross-roads and look around the corners

Runner == Escapee

Advices / Options to try

- Hide near-by the safe area works ok
- Camping in dead-ends does not
 - Compute how many escape routes you have from your hiding spot
 - Do not hide too deep within dead-end!
- Peeking behavior helps!
- When hiding, try to turn to the direction from where you're expecting the seeker bot to appear

Tournament Results

Fanfare

Hide&Seek Game Tournament 2014

Pseudo Double-Elimination Tournament System

http://en.wikipedia.org/wiki/Double-elimination_tournament

No.	Contestant	Year	Coding Hours	Random	Stat	Final place	Bonus points
8	Jan Krajíček	2014	?	0,36	WLWWW	1	16
1	Vojtěch Černý	2014	13	0,02	WWWW	2	12
12	Lukáš Šurín	2014	5	0,81	WWWL	3	8
3	Lucie Řeháková	2014	16	0,18	WWLWL	4	8
2	Marek Vandas (2013 3rd)	2013	?	0,07	LWWL	5	4
6	Miroslav Štola	2014	cca 6	0,26	WLWL	6	4
9	Ondřej Kopicčka	2014	4-5	0,51	WWLL	7	4
5	Tomáš Pavlík	2014	8-10	0,25	WLL	9	0
7	Václav Obrázek	2014	Hodně (8+?)	0,32	LWL	9	0
10	Václav Pernička	2014	2	0,68	WLL	10	0
11	Michal Pokorný (*)	2014	cca 3	0,71	LL	11	0
4	Tomas Dvořák (2013 4th)	2013	?	0,19	LL	12	0

Tournament Conclusion

- What are the lessons learned?
- Next steps for 2015
 - The map should have “higher ceiling” to make match observing better
 - Should the scoring system be changed?
 - Should seeker-camping be penalized? How?

Questions? Comments?

I sense a soul in search of justice...

- You can file an objection against the tournament results
 - Jakub Gemrot (Tuesday practice lessons)
 - jakub.gemrot@gmail.com
 - Michal Bída (Monday practice lessons)
 - michal.bida@gmail.com
- Or **speak-up** right now!