

www.bbc.co.uk/sport/football/46202509

@kirstyjean (2 Jun 2017):

Me: sets up flawless heat competition trial, lizards will fight over hot podium, there can only be one winner!

Lizards:

#ALLizards2017

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Golden Balls

$$\begin{pmatrix} 3 & 0 \\ 5 & 1 \end{pmatrix}$$

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Robert Axelrod



Robert Axelrod

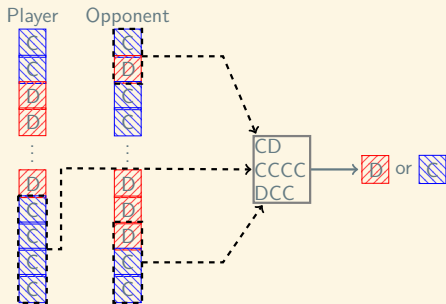
```
>>> import axelrod as axl

>>> players = (axl.TitForTat(),
...            axl.Cooperator())
>>> axl.Match(players, turns=5).play()
[(C, C), (C, C), (C, C), (C, C), (C, C)]

>>> players = (axl.TitForTat(),
...            axl.Defector())
>>> axl.Match(players, turns=5).play()
[(C, D), (D, D), (D, D), (D, D), (D, D)]

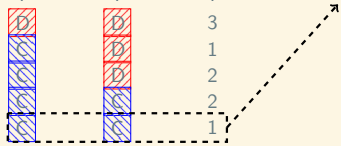
>>> players = (axl.TitForTat(),
...            axl.Alternator())
>>> axl.Match(players, turns=5).play()
[(C, C), (C, D), (D, C), (C, D), (D, C)]
```

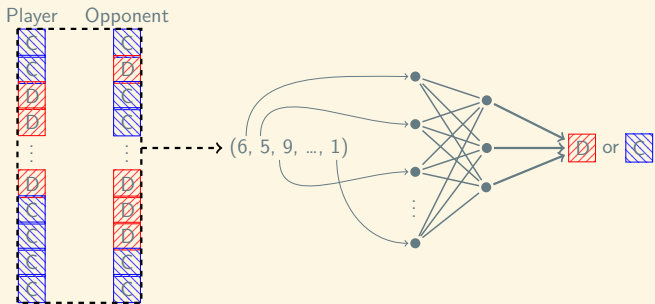
github.com/Axelrod-Python/Axelrod/pull/1136

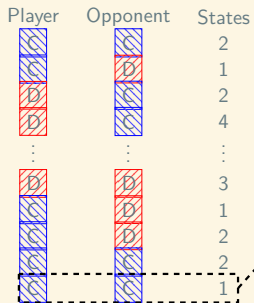




Player	Opponent	States
C	C	2
C	D	3
D	C	2
D	C	4
⋮	⋮	⋮
D	D	3
C	D	1
C	D	2
C	C	2
C	C	1

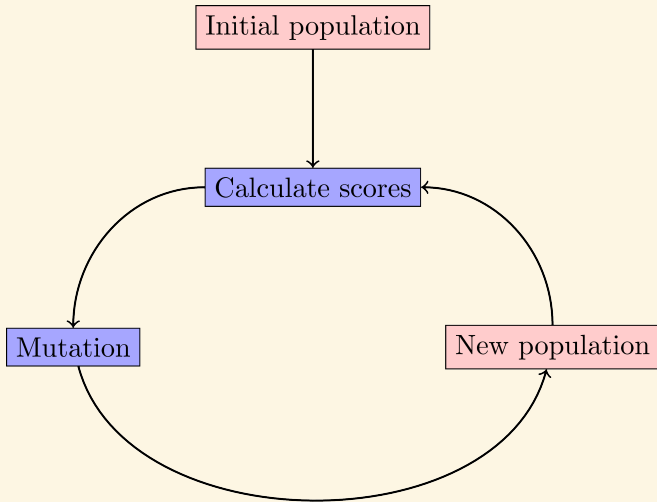
$(C, C, 1) \longrightarrow (p_c, p_d) \text{ and } (p_1, p_2, p_3, p_4)$

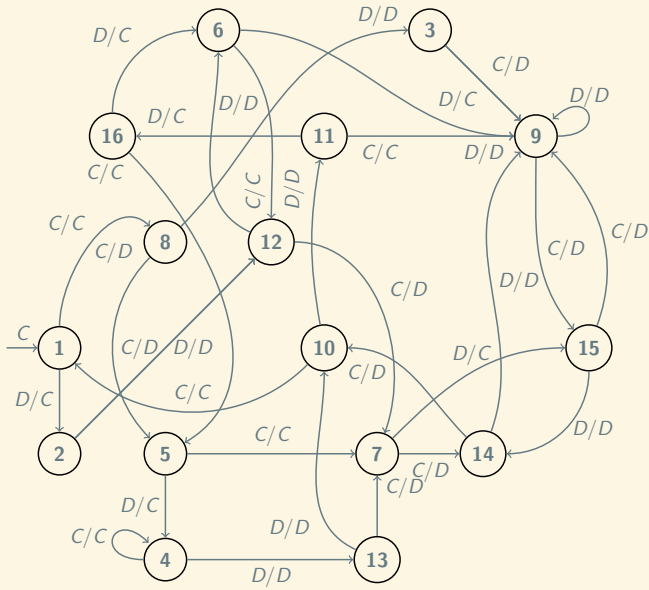


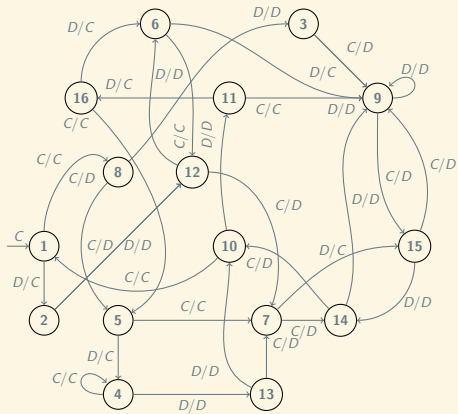




$(C, C, 1) \rightarrow$  or  and $s \in \{1, 2, 3, 4\}$ (next state)







TF1 #1	TF1 #2
1: C	1: C
8: C	8: C
5: D	5: D
4: C	4: C
4: C	4: C
4: C	4: C
4: C	4: C
4: C	4: C

Me











