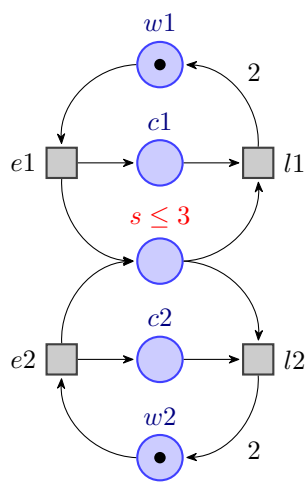


LaTeX Experiments  
Part III-B: PGF/TikZ - A Petri net example

AeAeA

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## 1 What is a Petri net?

*There is a theory which states that if ever anyone discovers exactly what the Universe is for and why it is here, it will instantly disappear and be replaced by something even more bizarre and inexplicable.*

*There is another theory which states that this has already happened.*

— Douglas Adams,  
*The Restaurant at the End of the Universe*

- Quick intro:  
[https://en.wikipedia.org/wiki/Petri\\_net](https://en.wikipedia.org/wiki/Petri_net)
- A good basic explanation of what is a Petri net, with a well-illustrated example.
- Petri nets and algebraic specifications paper (1991).

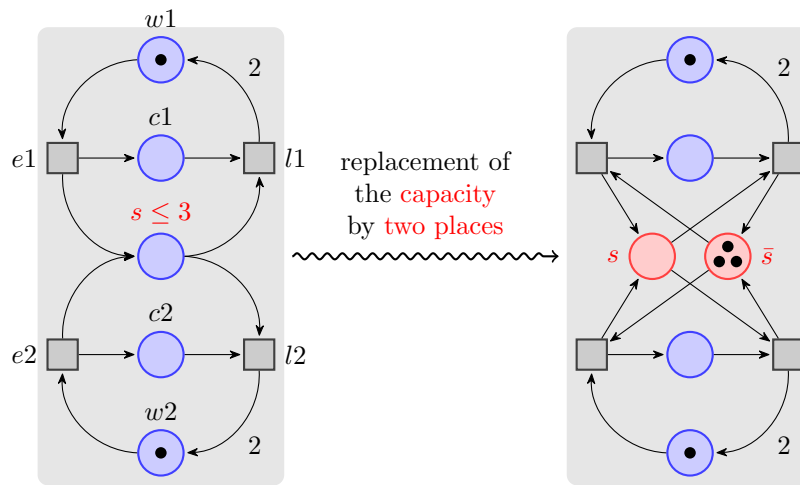
## 2 The Complete Code

*The story so far:*

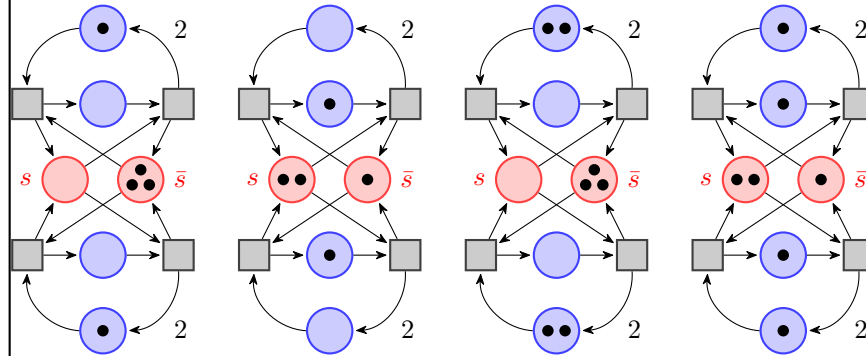
*In the beginning the Universe was created.*

*This has made a lot of people very angry and been widely regarded as a bad move.*

— Douglas Adams,  
*The Restaurant at the End of the Universe*



### 2.1 Transitions



### 3 Final thoughts

*The story so far:*

*In the beginning the Universe was created.*

*This has made a lot of people very angry and been widely regarded as a bad move.*

*Many races believe that it was created by some sort of god, though the Jatravartid people of Viltvodle VI believe that the entire Universe was in fact sneezed out of the nose of a being called the Great Green Arkleseizure.*

*The Jatravartids, who live in perpetual fear of the time they call The Coming of the Great White Handkerchief, are small blue creatures with more than fifty arms each, who are therefore unique in being the only race in history to have invented the aerosol deodorant before the wheel.*

*However, the Great Green Arkleseizure Theory is not widely accepted outside Viltvodle VI and so, the Universe being the puzzling place it is, other explanations are constantly being sought.*

— Douglas Adams,  
*The Restaurant at the End of the Universe*

