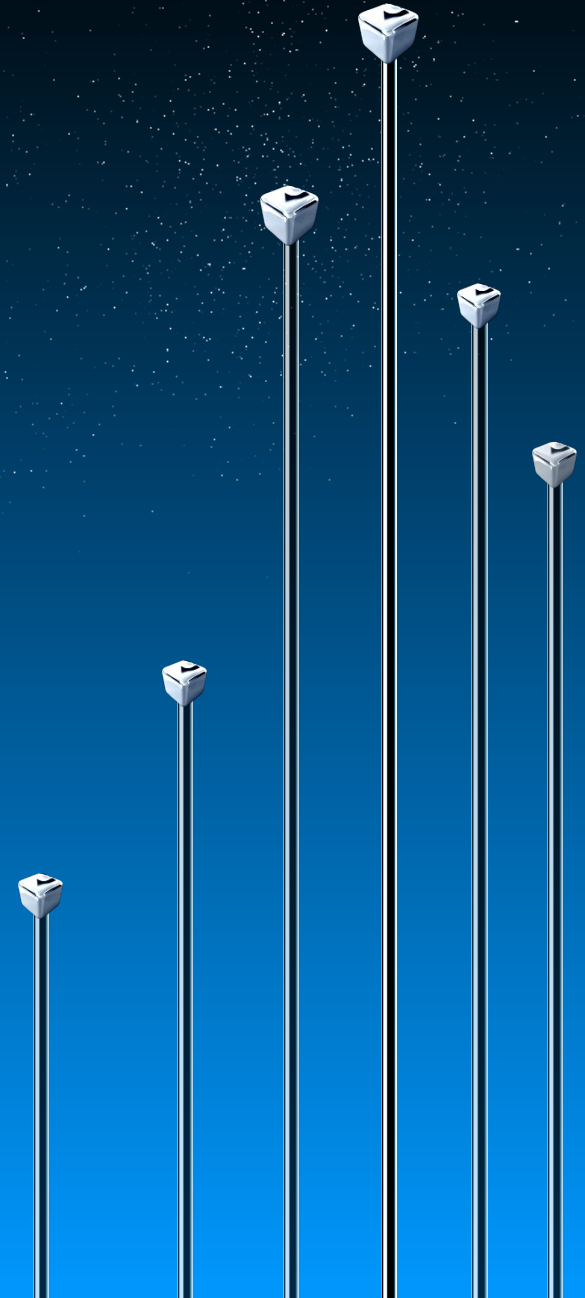


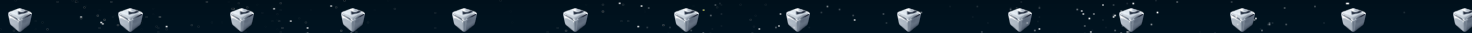
C-mu-Log Project

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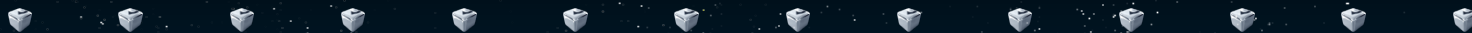
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Summary





Overview



Language Features

run like Prolog with C like syntax
search solutions from rules and facts

Application

simulate interactions of entity
agents play a game with environment

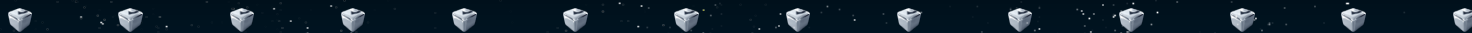
Motivation

Multi-agents system modeling





Tutorial of Language



Environment Program

```
size(10, 10);  
wall(?, 7);  
goal(6, 6);  
imove("UP");  
imove("RIGHT");  
imove("RIGHT");  
imove("RIGHT");  
imove("RIGHT");  
imove("RIGHT");
```

Agent Program

```
move($dir) {  
  @print($e, " says move ", $dir);  
  $e.@forget( imove($dir) );  
  env($e);  
  $e.imove($dir);  
}
```





Architecture



Simulator

Scanner
Parser



Interpreter

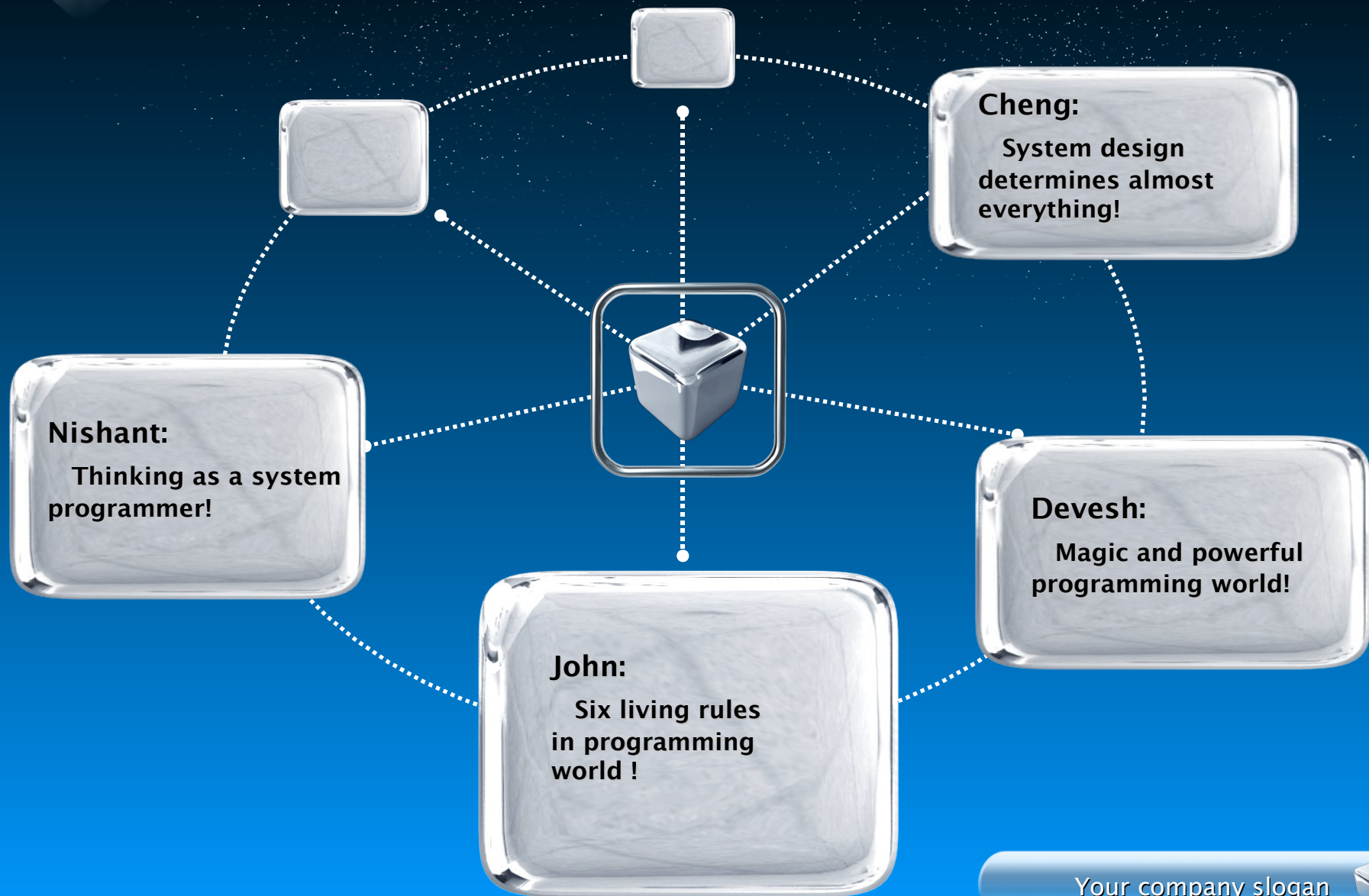
Translator

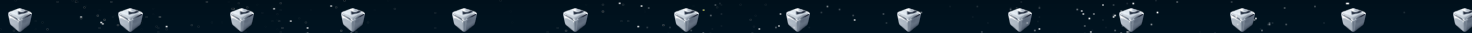
Your company slogan





Summary





Thank you !

Your company slogan

