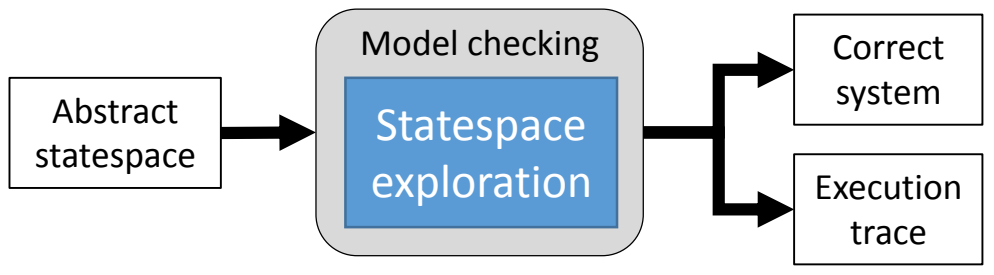


Abstract  
statespace



```
graph LR; A[Abstract statespace] --> B[Model checking]; B --> C[Correct system]; B --> D[Execution trace];
```

The diagram illustrates the model checking process. It begins with an 'Abstract statespace' box on the left, which points via a thick black arrow to a central 'Model checking' box. This central box is a light gray rounded rectangle containing a blue rectangle labeled 'Statespace exploration'. From the right side of the 'Model checking' box, a thick black arrow splits into two paths, leading to 'Correct system' and 'Execution trace' boxes on the right.

Model checking

Statespace  
exploration

Correct  
system

Execution  
trace