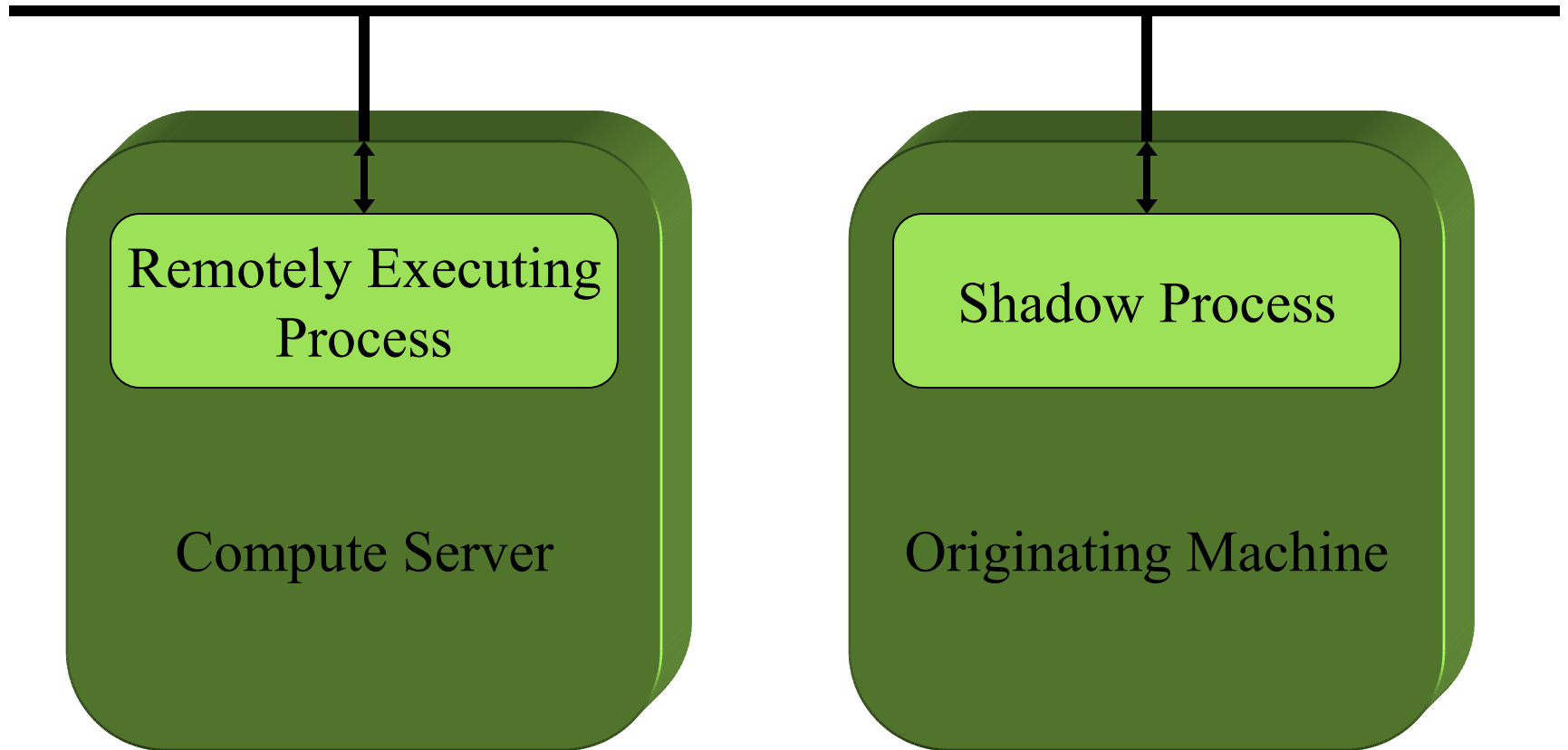
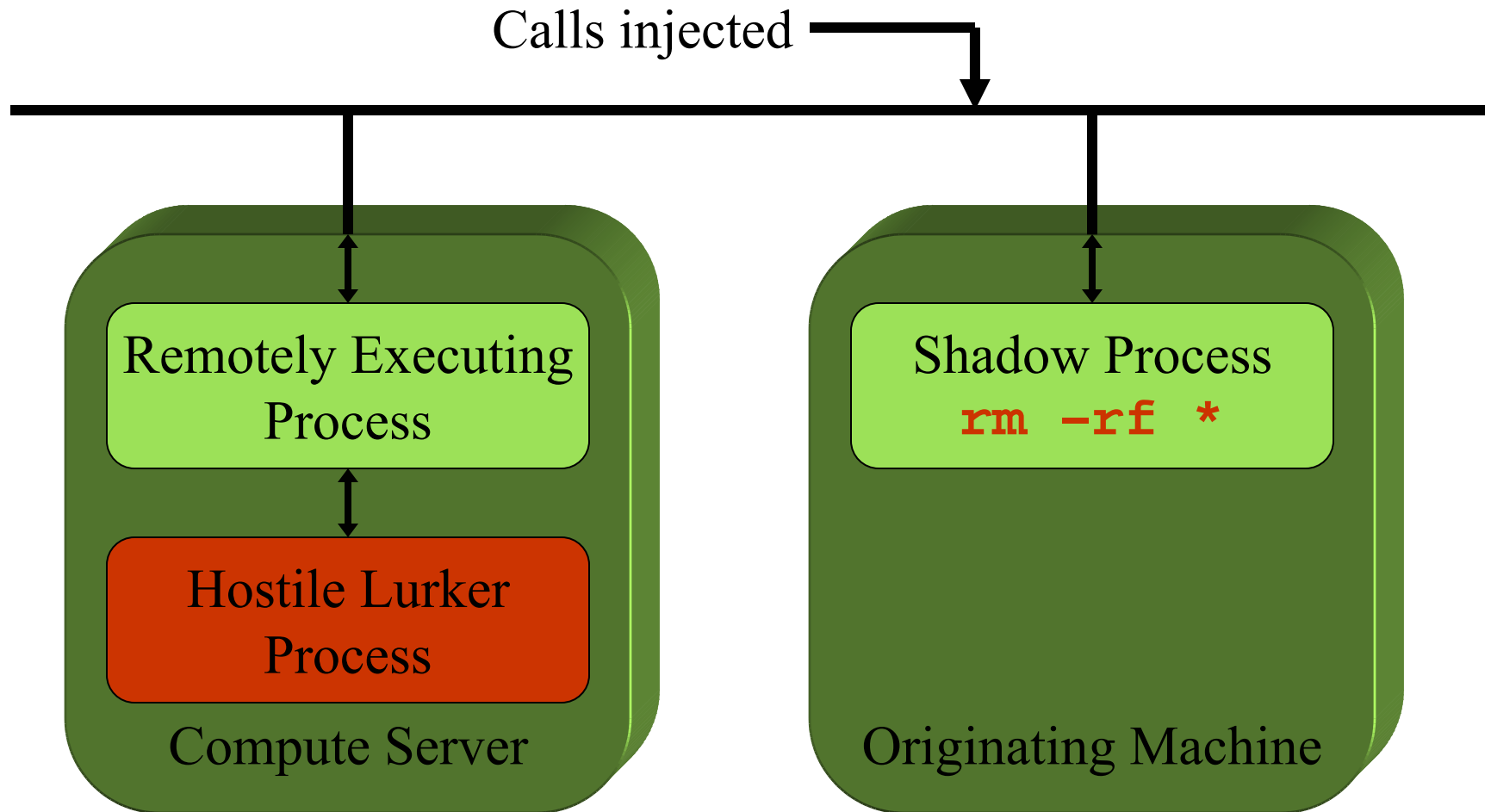


Distributed Grid Environments



Call Manipulation



Modeling Behavior

- Sourceless binary analysis
- Control flow
 - NFA models expected call traces
- Data flow
 - Static argument evaluation
- Apply program obfuscation techniques
- Generate checking shadow

Continuing Work

- Current status: NFA model with argument evaluation
- Next steps
 - Interprocedural analysis produces context-free language; too expensive to operate [Wagner,Dean]
 - Investigating an over-approximation of a context-free language with a more precise model
 - Describe arguments with regular expressions
 - Fully integrate into Condor