

# Lecture 30: Laziness



# Menu

- Finishing Charme Interpreter
  - Application
- Lazy Evaluation

```
def meval(expr, env):
    if isPrimitive(expr):
        return evalPrimitive(expr)
    elif isConditional(expr):
        return evalConditional(expr, env)
    elif isLambda(expr):
        return evalLambda(expr, env)
    elif isDefinition(expr):
        return evalDefinition(expr, env)
    elif isName(expr):
        return evalName(expr, env)
    elif isApplication(expr):
        return evalApplication(expr, env)
    else:
        evalError ("Unknown expression type: " + str(expr))
```