### **Effective Logging**

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Logging Code is Log Now **Still Code Logging Uses** Resources

### Logging Code Is Still Code

**Logging Null and Empty Values** 

**Logging Exceptions** 

### **Logging Mantra #2**

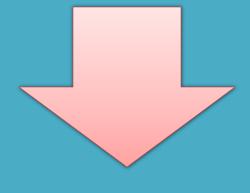
### Logging Uses Resources

# INFORMATION

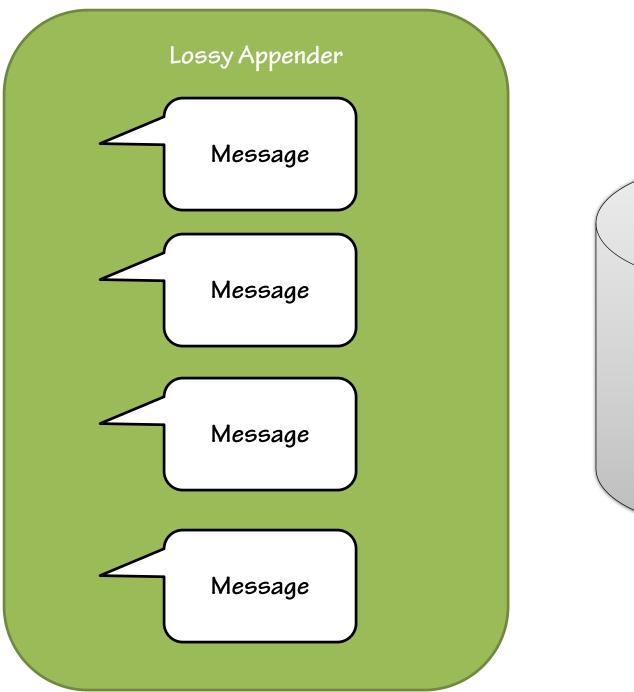
### **RESOURCES**

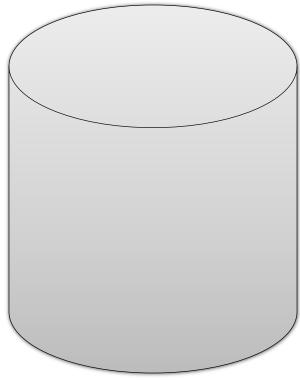
# INFORMATION

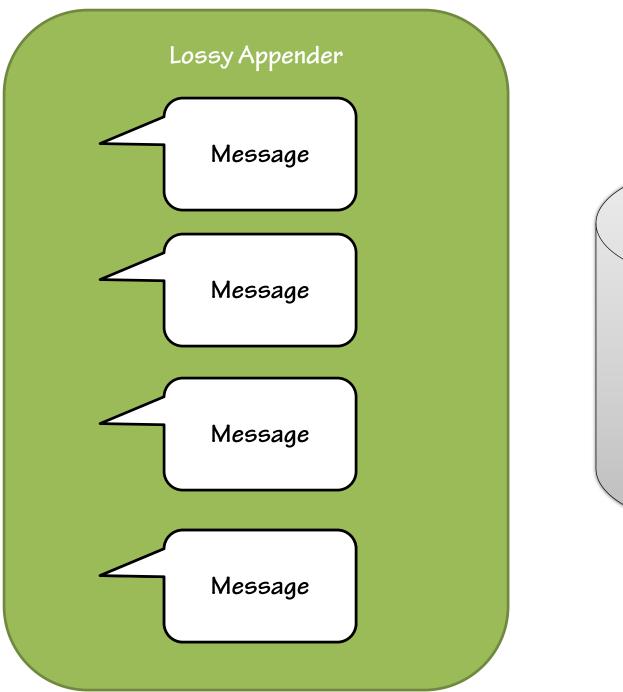
### **RESOURCES**

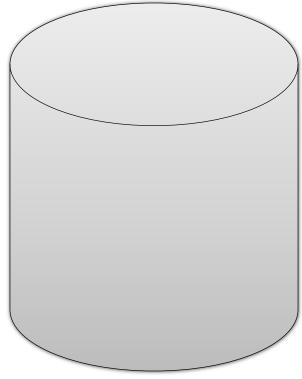


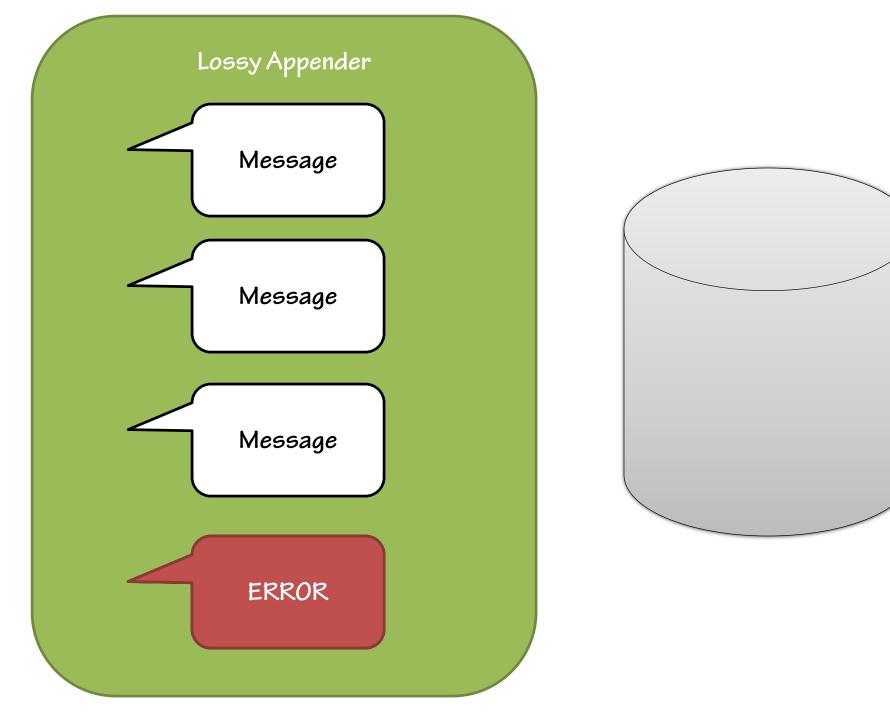
**Lossy Logging** 

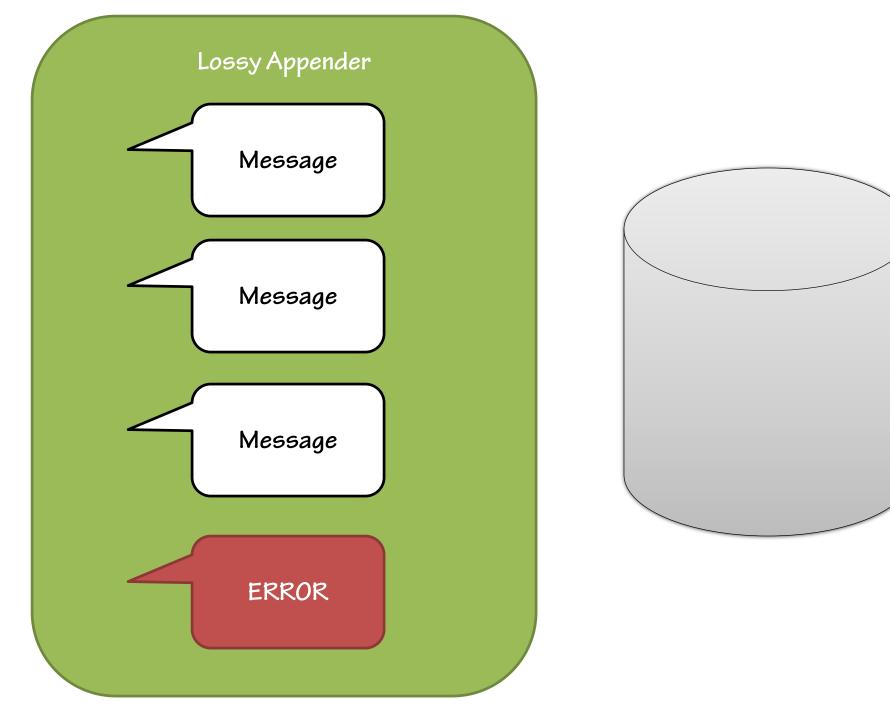






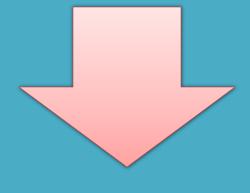






# INFORMATION

### **RESOURCES**



### **Lossy Appenders**

- AdoNetAppender
- RemotingAppender
- SmtpAppender
- SmtpPickupDirAppender
- BufferingFowardingAppender

### Lossy

True to enable lossy logging

### BufferSize

Number of events to buffer

### **Evaluator**

 The trigger that determines if the buffer is appended LevelEvaluator

 Appends when an event at the specified threshold is received

ExceptionEvaluator

Appends when an exception of a specified type is received

**TimeEvaluator** 

 Appends after the specified time interval

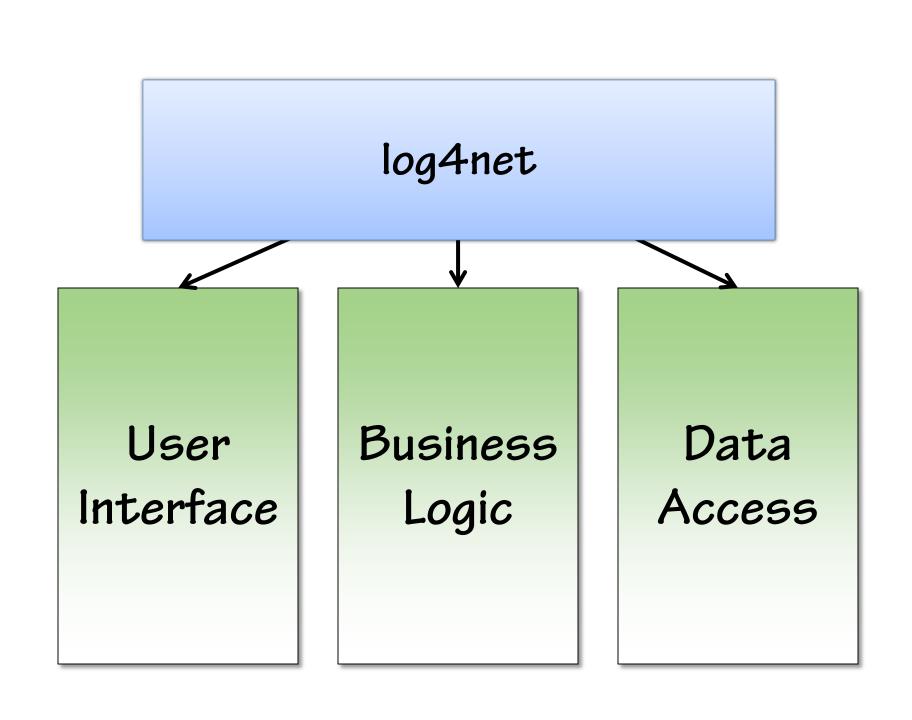
### **Logging Mantra #3**

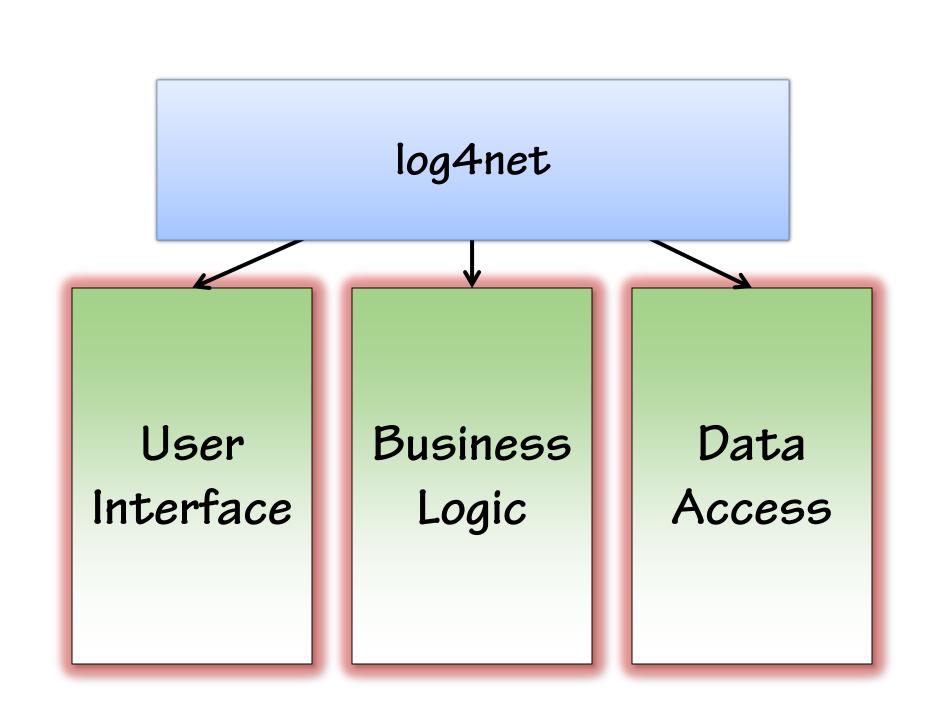
### Log Now

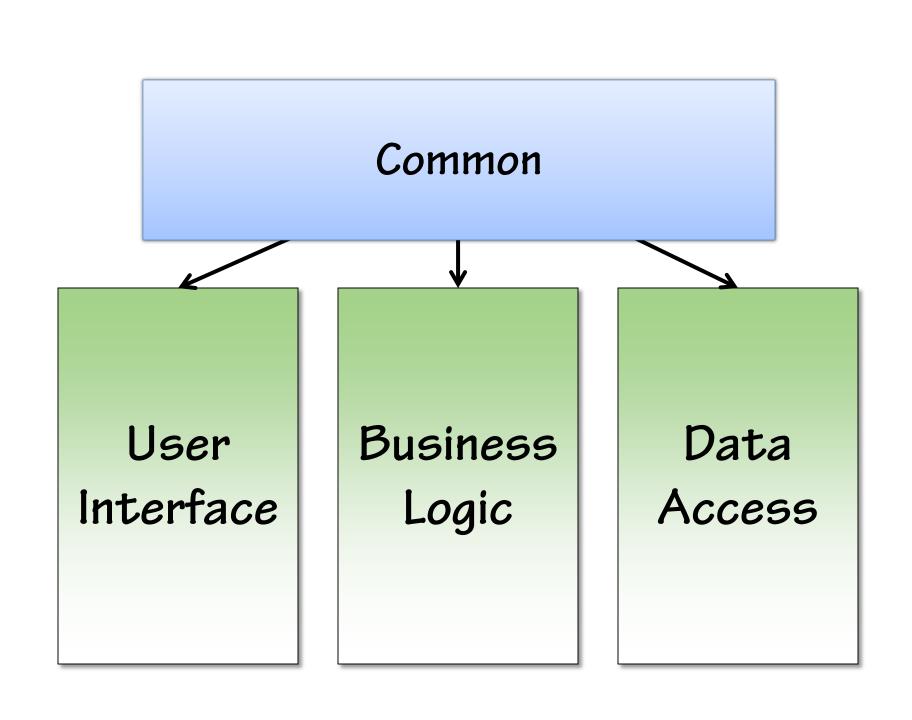
**Dependency Management** 

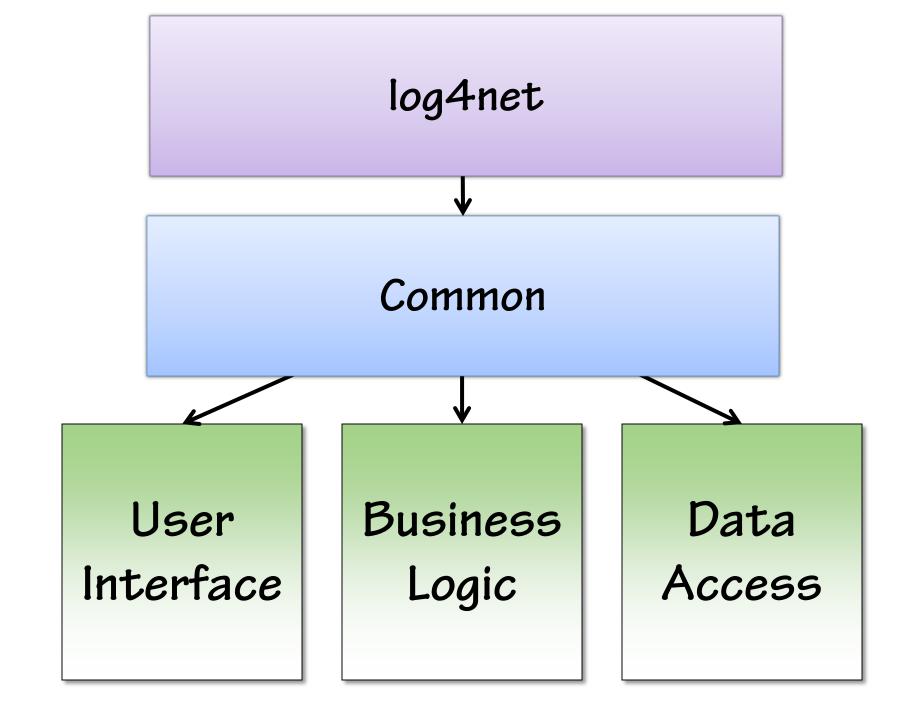
### Logging and Instrumentation

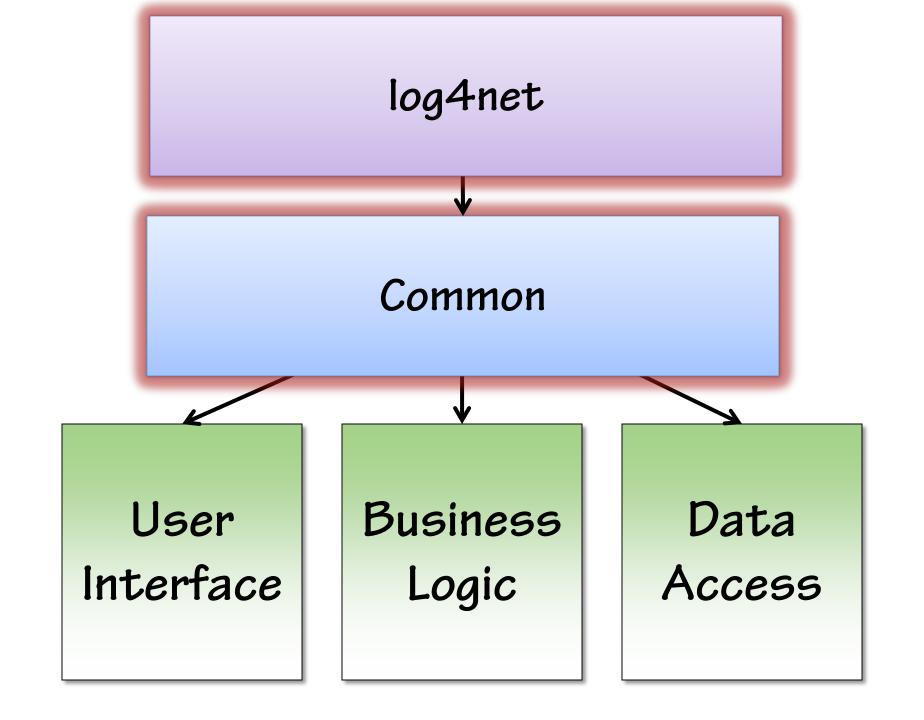
User Interface Business Logic Data Access

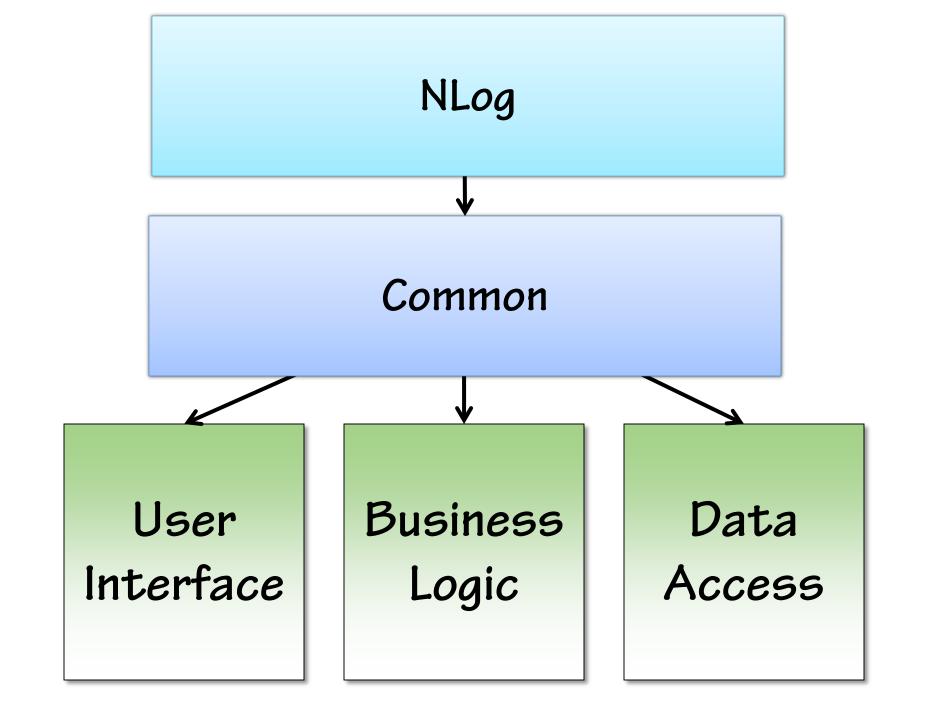












### **Common-Logging**

https://github.com/net-commons/common-logging

### **Logging Mantras**

### Logging Code is Still Code

- Give logging code due diligence
- Logging Null or Empty Values
- Logging Exceptions
  - Let log4net format your exceptions
  - Logging isn't a complete exception handling strategy
  - Unhandled exceptions

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- Understand your logging strategy
- Lossy Logging
  - Buffering appenders

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### Log Now

Dependency Management