# RabbitMQ for .Net Developers – Part 2

Large Messages

Michael Stephenson
@michael_stephen
Michael_stephensonuk@yahoo.co.uk

pluralsight
hardcore developer training

# Agenda

- **Large Messages**
  - Buffered
  - Chunked

# Background

- **What if I need to push large messages through Rabbit?**

- **Messaging systems**
    - General recommendation = small messages
- **AMQP**
    - Supports very large messages
- **RabbitMQ**
    - You can use large messages
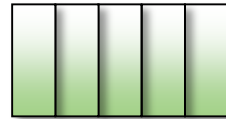    - But you need to be careful

# How Can We Do It

- **Buffered**
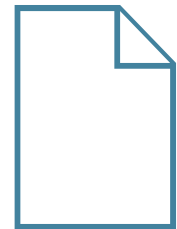  - Small / medium files
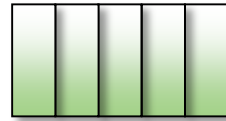
- **Chunked**
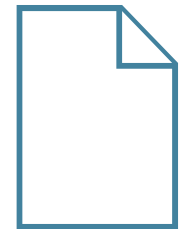  - Larger files

# Buffered Sample
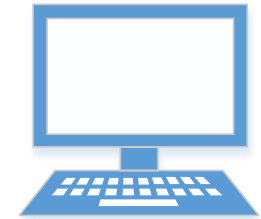


Read entire file

Write entire file

# Chunked Sample



Read chunks from file

# Chunked Sample

Write chunk to file

**Demo - Buffered**

# Large Messages

**Demo - Chunked**

# Large Messages

# Summary

- **Challenges of real world messaging solutions**
  - Large Messages
- **Solutions**
  - Chunked
  - Buffered
  - Separation from other messages