REST and the Cloud

Howard Dierking

http://codebetter.com/howarddierking

Characteristics of a Scalable Architecture

- **Increasing resources results in a proportional increase in performance**
- **Can handle heterogeneity**
- **Operationally efficient**
- **Resilient to failure**
- **Realizes economies of scale**

Overview

- **Goals of the cloud**
- **Characteristics of a good cloud architecture**
- **How REST fits as a good cloud architecture**
- **Specific opportunities**

RESTful Characteristics Map

Horizontal Scale

Heterogeny

Operational Efficiency

Resiliency

Realize Economies of Scale

"Economies of scale" is a long run concept and refers to reductions in unit cost as the size of a facility and the usage levels of other inputs increase.

~wikipedia