

```
class User(id: UserID, name: String,  
  followers: Set[UserID] with LatencyBound(20 ms),  
  timeline: List[TweetID] with LatencyBound(20 ms))
```

```
class Tweet(id: TweetID, user: UserID, text: String,  
  retweets: Set[UserID] with Size(ErrorTolerance(5%)))
```

```
def viewTimeline(user: User) = {  
  // `range` returns `Rushed[List[TweetID]]`  
  user.timeline.range(0,10) match { // use match to unpack  
    case Consistent(tweets) =>  
      for (tweetID <- tweets)  
        display(loadTweet(tweetID))  
    case Inconsistent(tweets) =>  
      // tweets may not have fully propagated yet  
      for (tweetID <- tweets)  
        // guard load and retry if there's an error  
        val tweet = Try { loadTweet(tweetID) } retryOnError  
        display(tweet)  
  }  
}
```