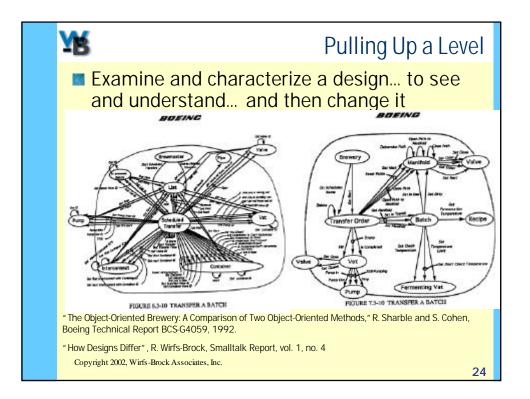
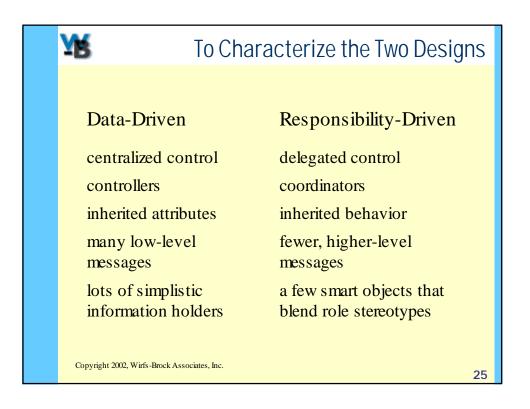
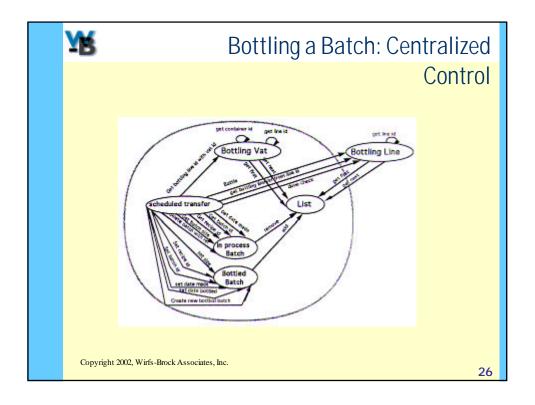


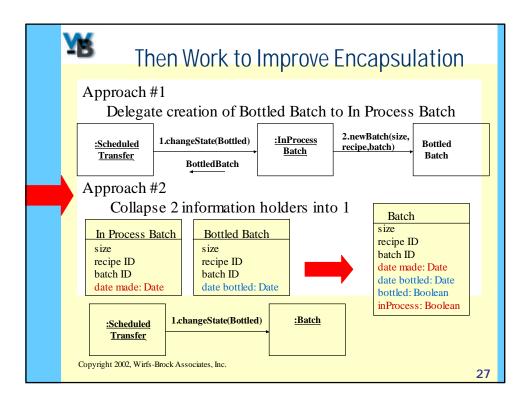
YB Pulling Up a Level Reverse engineer a class into responsibilities... The Java Calendar class public final void set(int year, int month, int date) Internally, Calendar keeps track of a point in time in two ways. First, a "raw" value is maintained, which is simply a count of milliseconds since midnight, January J, 1970 GMT, or, in other words, a Date object. Second, the calendar keeps track of a number of fields, which are the values that are specific to the Calendar type. These are values such as day of the week, day of the month, and month. The raw millisecond value can be calculated from the field values, or This method sets the values of the year, month, and day-of-the-month fields of this Calendar. public final void set(int year, int month, int date, int hour, int minute) This method sets the values of the year, month, day-of-the-month, hour, and minute fields of this Calendar. public final void set(int year, int month, int date, int hour, int minute, int second) a number of symbolic constants. They represent either fields or values This method sets the values of the year, month, day-of-the-month, hour, minute, and secon fields of this Calendar. for example, MONTH is a field constant. It can be passed to get() and set() to retrieve and adjust the month. AUGUST, on the other hand, represents a particular month value. Calling get(Calendar.MONTH) could return Calendar.AUGUST. public void setFirstDayofWeek(int value) Calendar Methods This method sets the day that is considered the beginning of the week for this Calendar. This value should be determined by the Locale of this Calendar. For example, the first day of the week in the United States is Sunday; in France it's Monday. public int getFirstDayOfWeek() This method returns the day that is considered the beginning of the week for this Calendar. his value is determined by the Locale of this Calendar. For example, the first day of the week the United States is Sunday, while in France it is Monday. public void setLenient(boolean lenient) This method sets the leniency of this Calendar. A value of false specifies that the Calendar throws exceptions when questionable data is passed to it, while a value of true indicates that the Calendar makes its best guess to interpret questionable data. For example, if the Calendar is being lenient, a date such as March 135, 1997 is interpreted as the 135th day after March 1, oublic abstract int getGreatestMinimum(int field) This method returns the highest minimum value for the given time field, if the field has a range of minimum values. If the field does not have a range of minimum values, this method is equivalent to getMinimum(). 1997 public void setMinimalDaysInFirstWeek(int value) public abstract int getLeastMaximum(int field) This method sets the minimum number of days in the first week of the year. For example, i value of 7 indicates the first week of the year mast be a full week, while a value of 1 indicates the first week of the year can contain a single day. This value should be determined by the Locale of this Calendar. This method returns the lowest maximum value for the given time field, if the field has rins include returbs and shows's indeximute value ton the given time incast, at the idea in as a range of maximum values. If the field does not have a range of maximum values, this method is equivalent to getMaximum(). For example, for a GregorianCalendar, the lowest maximum value of DATE_OF_MONTH is 28. public final void setTime(Date date) public abstract int getMaximum(int field) This method sets the point in time that is represented by this This method returns the maximum value for the given time field. For example, for a Calendar. GregorianCalendar, the maximum value of DATE_OF_MONTH is 31. Copyright 2002, Wirfs-Brock Associates, Inc. public void setTimeZone(TimeZone value) 22 This method is used to set the time zone of this Calendar

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	Calendar Revealed				
Calendar					
Represents a calendar sys	em Date				
Performs date arithmetic	Locale				
Compares dates					
Knows locale information					
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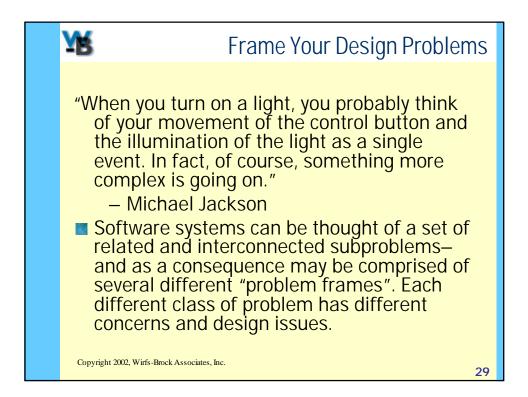


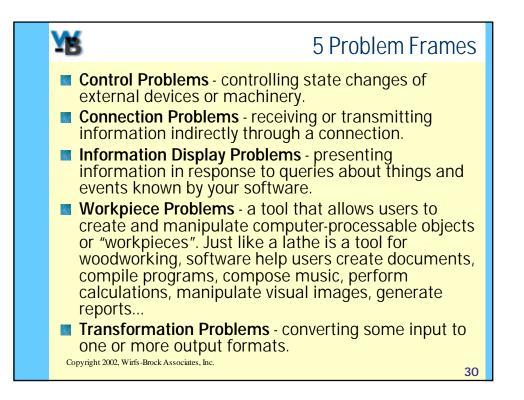


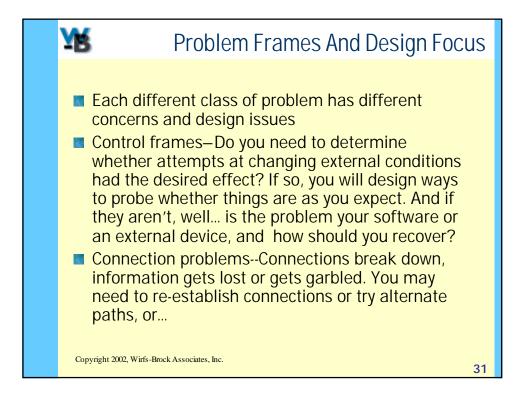


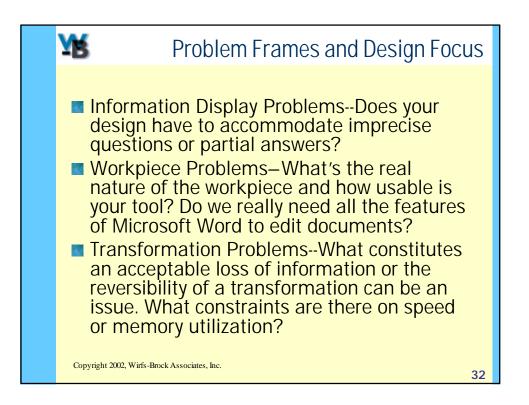


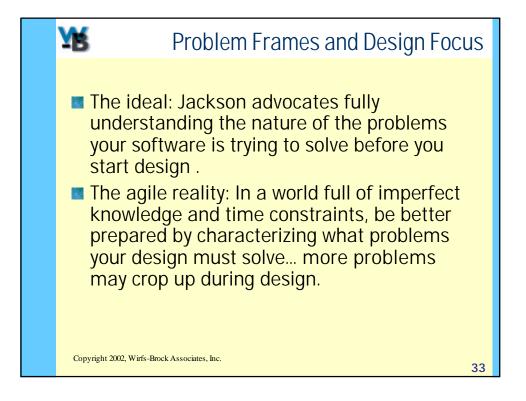


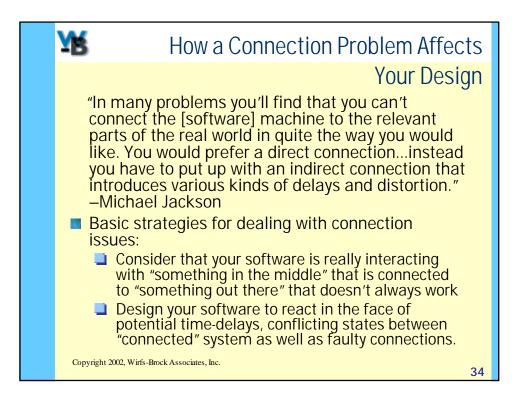


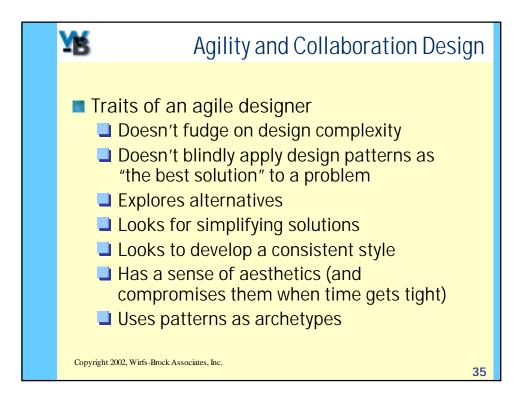




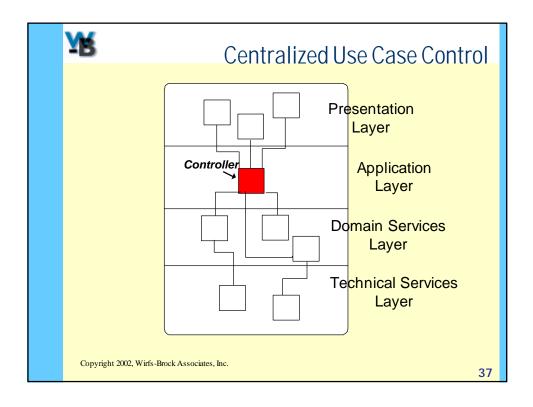


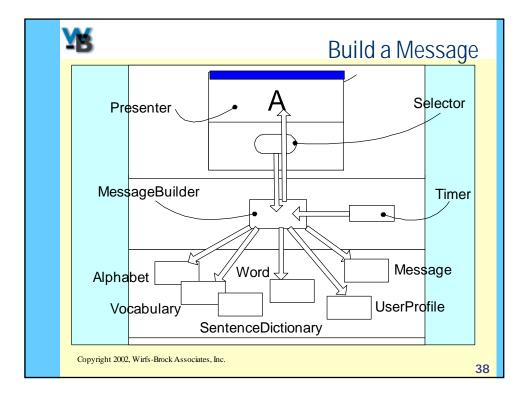


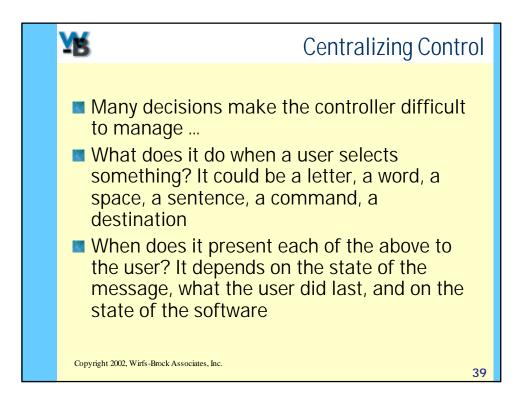


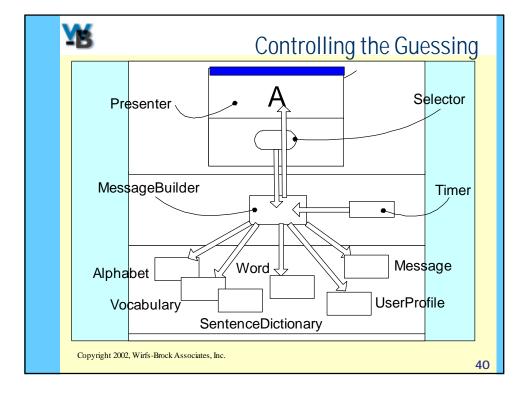


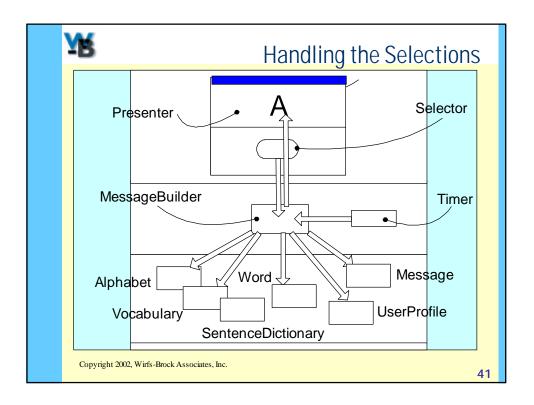
MR	"Build A Message" Use Case				
	Actor Actions "Click" to start software speaking Repeat until	System Responsibilities Start building a message			
<i>Speak for Me</i> enables a severely disabled user to communicate	Optionally, "click" to select letter Optionally, "click" to select word	Determine what to speak (letter, word, sentence, or space) Speak letter Add letter to word Speak space Add word to end of sentence			
Copyright 2002, Wirfs-Brock	Optionally, "click" to select sentence a command is issued	Start new word Speak sentence Add sentence to end of message Start new sentence Process command (separate use cases) 36			

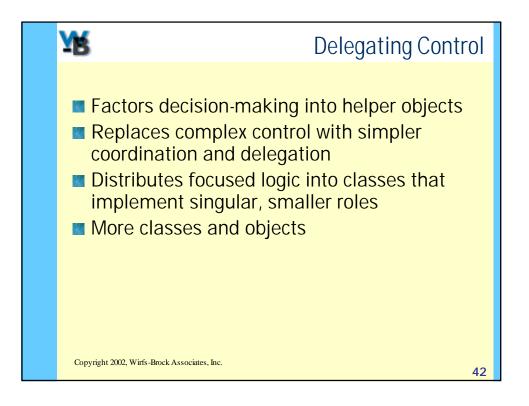


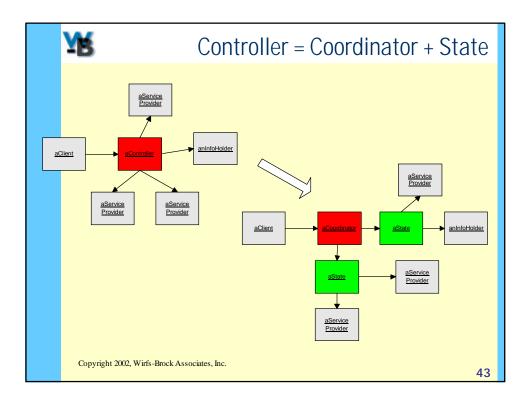


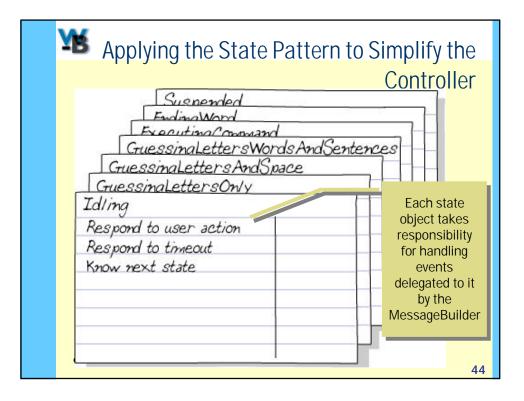


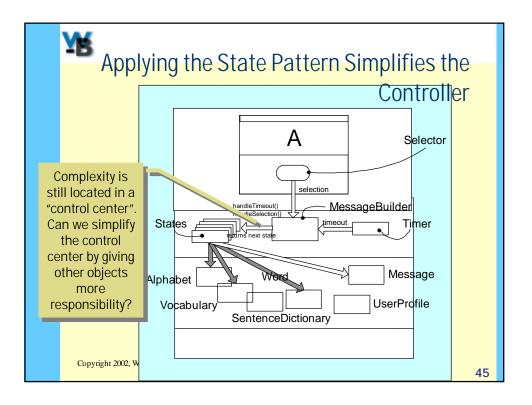


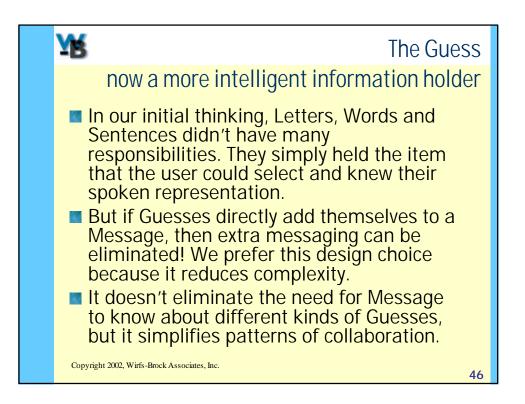


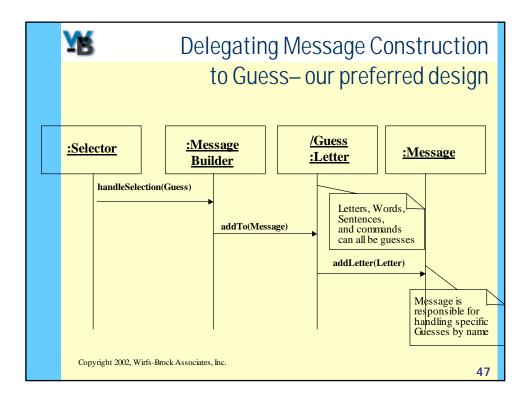


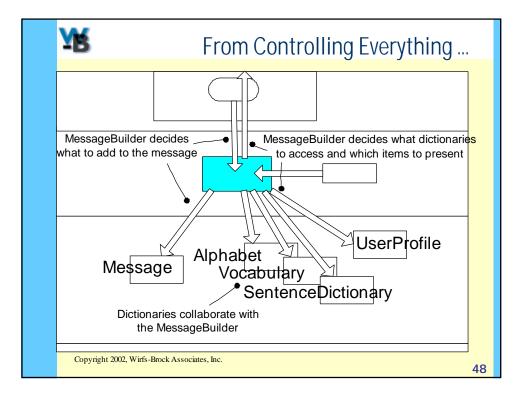


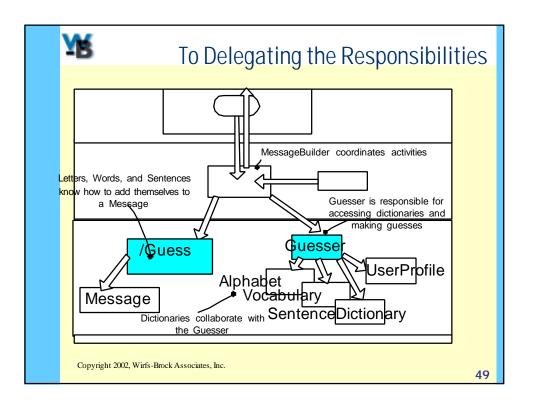


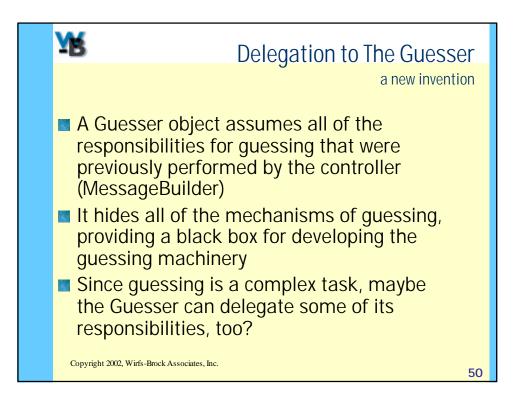


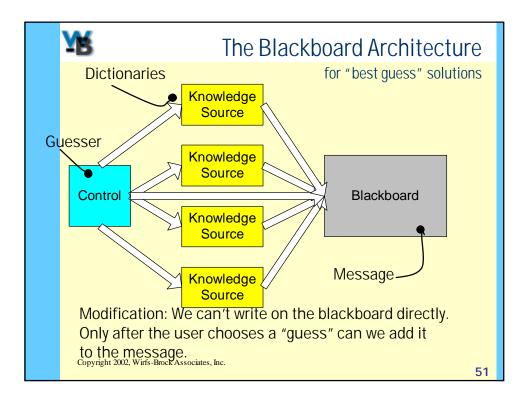


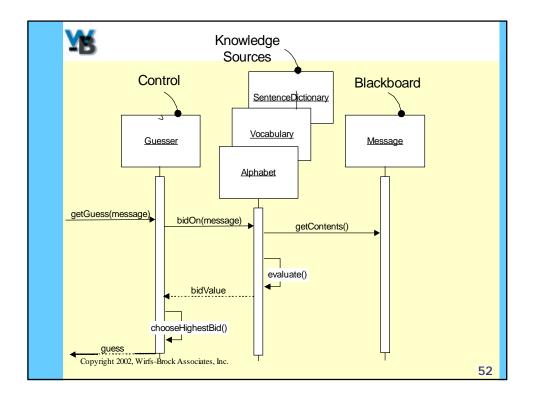


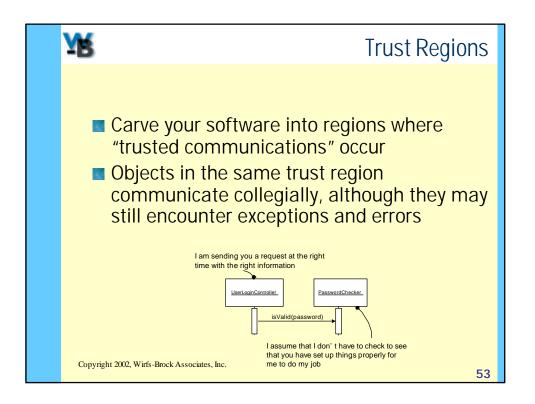


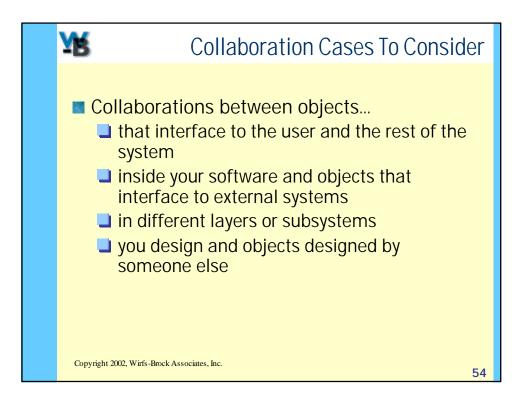


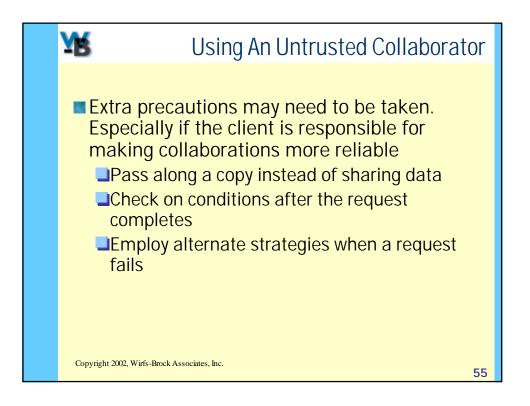


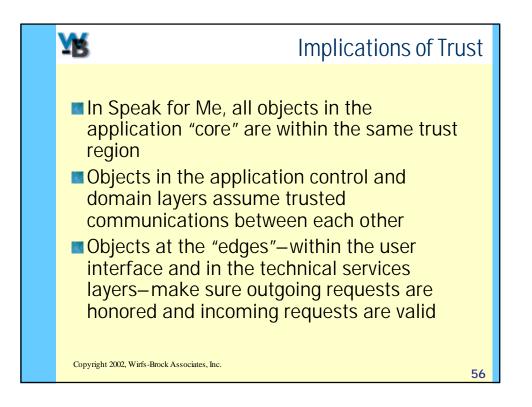


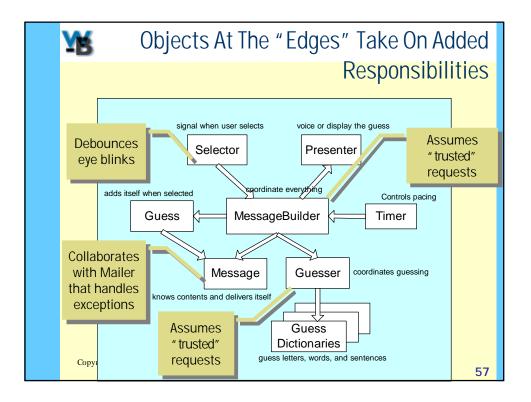




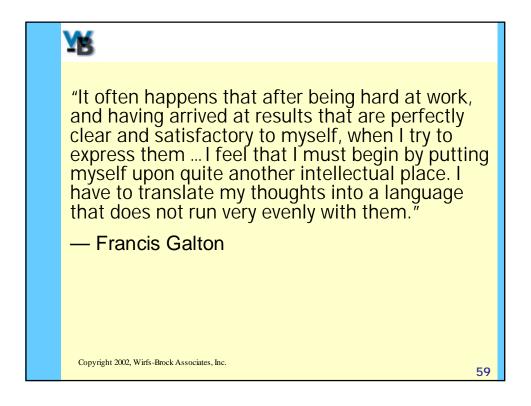


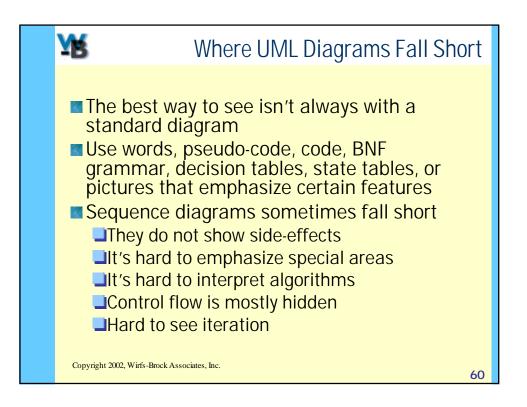


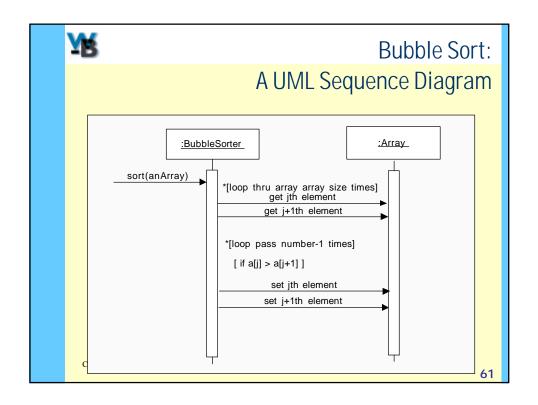


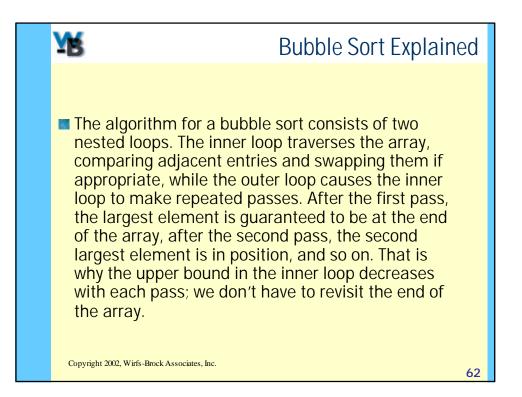


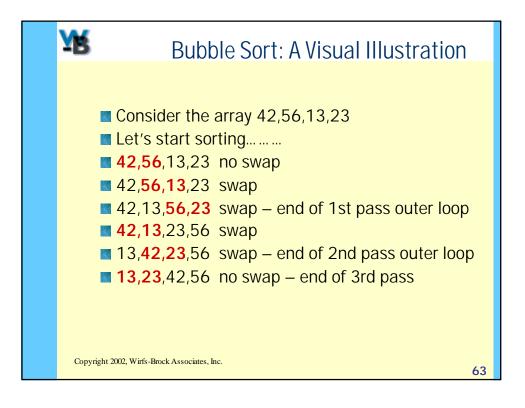




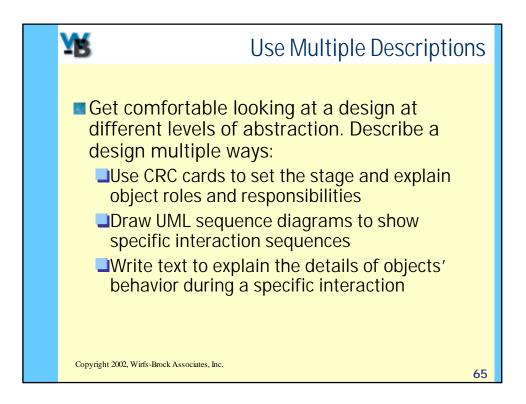


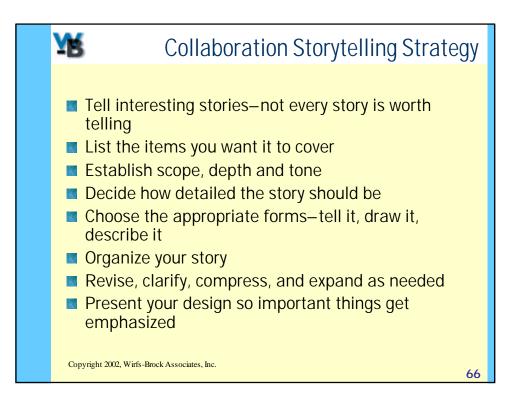


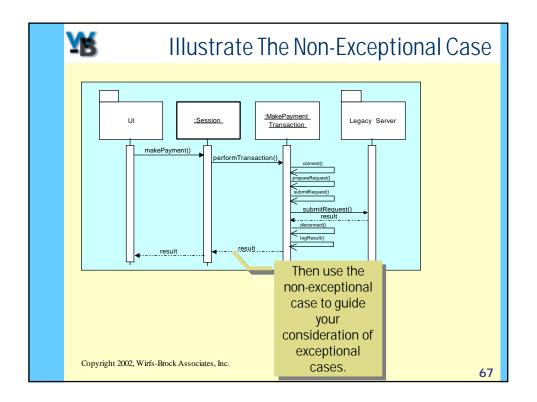




Ys	Bubble Sort: Some Code
	<pre>class BubbleSorter{ void sort(int a[]) { for (int i = a.length;i>=0;) { boolean swapped = false; for (int j = 0; j<i; (a[j]="")="" if="" j++="" {=""> a[j+1]) { int T = a[j];</i;></pre>
	<pre>swapped = true; } if (!swapped) return; } }</pre>
Сору	right 2002, V 64







	Explain And Document Policies					
	Exception or Error	Recovery Action	Affect on User			
	Connection is dropped between UI and Domain Server after transaction request is issued.	Transaction continues to completion. Instead of notifying user of status, transaction is just logged. User will be notified of recent (unviewed) transaction results on next login.	User session is terminated user could've caused this by closing his or her browser, or the system could have failed. User will be notified of transaction status the next time they access the system.	Use descriptions approachable to marketers, developers and other stakeholders		
	Connection dropped between domain server and backend bank access layer after request is issued.	Attempt to re- establish connection. If this fails, transaction results are logged as "pending" and the user is informed that the system is momentarily unavailable.	User will be logged off with a notice that system is temporarily unavailable and will learn of transaction status on next login.			
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