



























































C	Abatra at Change at interner, the manifest field level abarras
	«Class» AbstractChangeListener – to monitor held level changes
•	With the method SetMonitoredItems(monitoredItems As String) the fields to be monitored while be set The parameter is a string with a comma separated list of field names in the format Label Field name or only the
•	e.g. "Person number   EmployeeID, Name, Last name Lastname, First name Firstname"
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Sequence Diagram ChangeListener

- Triggered by the event QuerySave
- Method MonitoringModel. BeforeSave()
- On a change at field level calls MonitoringModel. ItemChanged()
- Calls .ItemChanged() for all in this event interested ChangeListeners
- Calls MonitoringModel. ModelChanged()
- Calls .ModelChanged() for all the interested ChangeListeners

















![](_page_24_Picture_0.jpeg)

![](_page_24_Figure_1.jpeg)

«Class» Relation				
<ul> <li>Represents the relation document with the settings for source document</li> </ul>	Relation			
<ul> <li>Updates the dependent documents (target documents)</li> </ul>	<ul> <li>oldKeyValue As String</li> <li>monitoredItemNames As Variant</li> <li>keyItemName As String</li> </ul>			
	<ul> <li>+ New(relationID As String)</li> <li>+ Initialize(relationDoc As NotesDocument)</li> <li>+ ReadOldKeyValueFromSourceDoc( sourceDoc As NotesDocument)</li> <li>+ IsItemMonitored(itemName As String)</li> <li>+ UpdateDependentDocuments( sourceDoc As NotesDocument)</li> <li></li> </ul>			

![](_page_26_Picture_0.jpeg)

![](_page_26_Figure_1.jpeg)

![](_page_27_Picture_0.jpeg)

![](_page_27_Figure_1.jpeg)

![](_page_28_Picture_0.jpeg)

![](_page_28_Picture_1.jpeg)

![](_page_29_Picture_0.jpeg)

![](_page_29_Figure_1.jpeg)

![](_page_30_Picture_0.jpeg)

![](_page_30_Figure_1.jpeg)

![](_page_31_Picture_0.jpeg)

![](_page_31_Figure_1.jpeg)

![](_page_32_Picture_0.jpeg)

![](_page_32_Figure_1.jpeg)

Contact & Download

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Download of the slides and samples

http://www.assono.de/blog.nsf/d6plinks/EntwicklerCamp2007

![](_page_33_Picture_0.jpeg)

![](_page_33_Picture_1.jpeg)

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![](_page_34_Picture_1.jpeg)

#### OO in LotusScript – Definition of a class

Class Com	ipany	Class
	Private strCompanyName As String	Member variables
	Private strCompanyNr As String	
	Public ContactName As String	
	Sub New (strCompanyName As String, strCompanyNr Me.strCompanyName = strCompanyName	As String)
	Me.strCompanyNr = strCompanyNr End Sub 'Company.New	Constructor
	Property Get CompanyName As String CompanyName = Me.strCompanyName	Property Get
	End Property	
	Property Set CompanyName As String Me.strCompanyName = CompanyName	Property Set
	End Property	
End Class		
L		
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![](_page_35_Picture_0.jpeg)

![](_page_35_Figure_1.jpeg)

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![](_page_41_Figure_1.jpeg)

![](_page_42_Picture_0.jpeg)

Dynamic Loading of Script Libraries - References
Bill Buchan – Lotusphere 2005
<ul> <li>BP107 Best Practices for Object Oriented LotusScript</li> <li>IBM Redbook</li> </ul>
<ul> <li>"Performance Considerations for Domino Applications"</li> <li>SG24-5602</li> </ul>
<ul> <li>Appendix B, Page 243</li> <li>Gary Devendorf Web Services Samples</li> </ul>

![](_page_43_Picture_0.jpeg)

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