



# EDIFACT in BizTalk Server 2009

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# Agenda

- Short History
- EDIFACT  
in BizTalk 2006 and 2009
- Demos
  - Reading EDIFACT
  - Writing EDIFACT
- Summary

# Short History

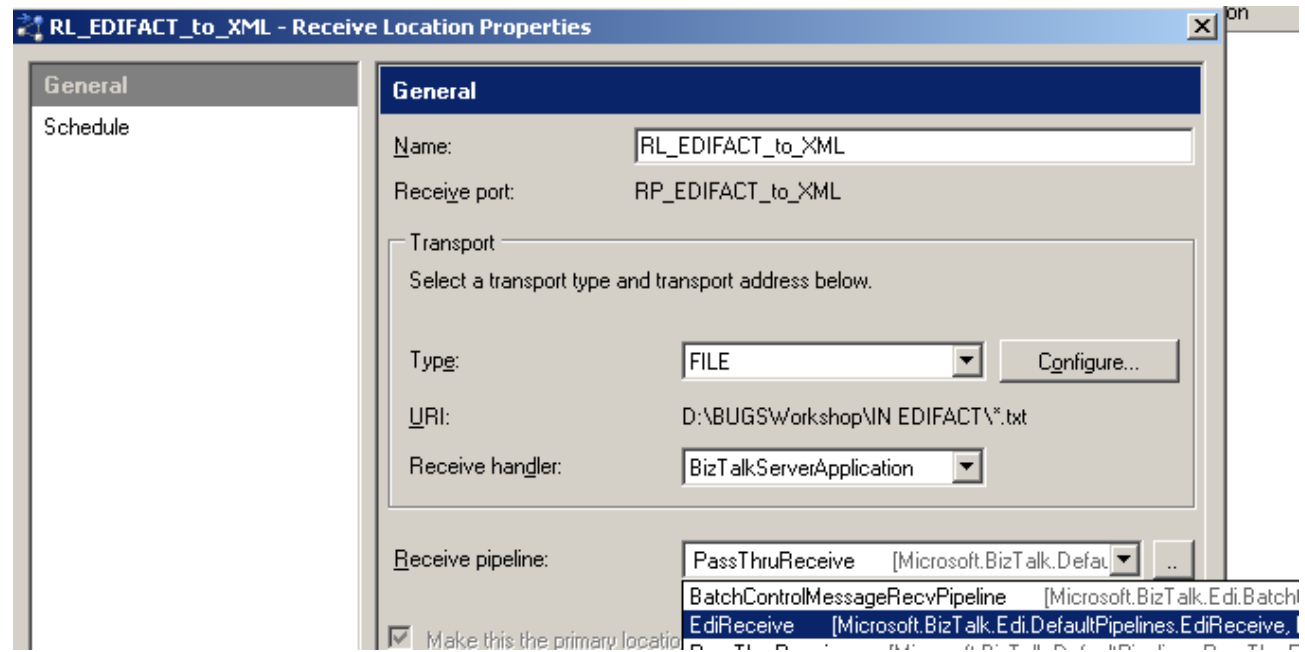
- 2007: BizTalk 2006 R2
  - EDI Handling introduced
  - Alternative: Covast B2B Pack
- 2008: MS bought Covast's code
- 2009: BizTalk 2009
  - EDI Handling broadened

# EDIFACT in BizTalk 2006 and 2009

- EDI Application



- Receive and Send Pipelines



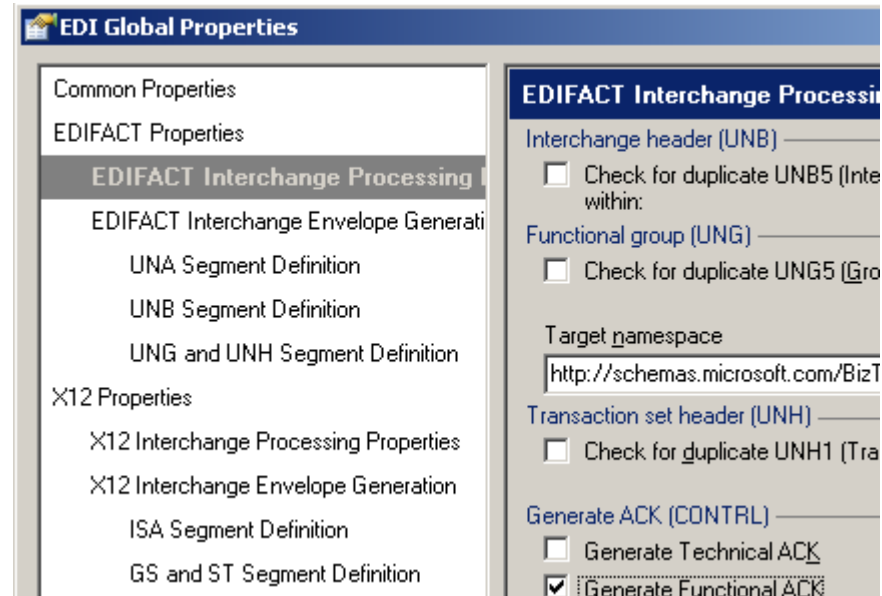
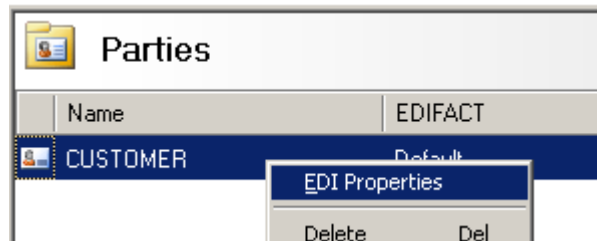
# EDIFACT in BizTalk 2006 and 2009

- EDIFACT Schemas
  - Zipped in C:\Program Files\Microsoft BizTalk Server 2009\XSD\_Schema\EDI\MicrosoftEdiXSDTemplates.exe
- Batching
  - Set Batching mechanism per partner
  - Build-in Batching orchestration batches messages
- UI in Administration Console
  - See Messages and their Acknowledgments
  - See Batching Status
  - See aggregated Reports

# EDIFACT in BizTalk 2006 and 2009

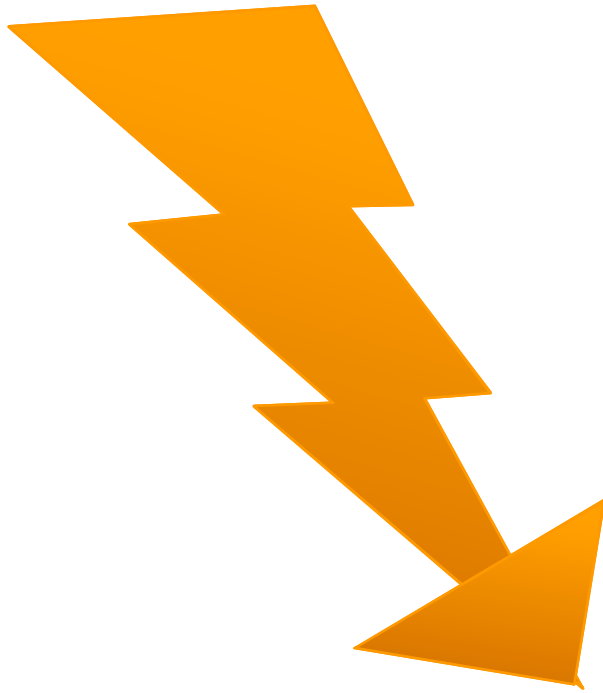
- Configure EDI Properties

1. Global Level
2. Partner Level
3. Message Level



```
EdifactMessageOUT = EdifactMessageIN;  
  
EdifactMessageOUT(EdiOverride.OverrideEDIHeader) = true;  
  
// set EDIFACT sender and receiver  
EdifactMessageOUT(EdiOverride.Unb31) = "CUSTOMER";  
EdifactMessageOUT(EdiOverride.Unb21) = "US";
```

# Demos



- Read EDIFACT
  - Basic flow
  - Create Acknowledgments
  - Erroneous EDIFACT
- Write EDIFACT
  - Basic flow
  - Adapt Content
  - Erroneous XML



# EDIFACT in BizTalk 2006 and 2009

- On Microsoft's To-Do-List
  - **Richer UI to monitor EDIFACT flow**
  - **Visual Studio Add-In to adapt EDI schemas**  
(today, manipulate XSD in VS)
  - **Up-to-date EDI schemas**  
(now, manual adaptation of schemas younger than 2005-Versions of EDIFACT is needed)

# Summary

- BizTalk 2009 is capable to run EDI!
  - Receiving EDI
  - Sending EDI
  - Partner Management
  - EDI Schemas
  - Batching
  - CONTRL Handling
- What's not coming out-of-the-box?
  - Archiving mechanism for EDIFACT files
  - Migration from Covast to BizTalk 2009
    - Test migration tool

# Tack så mycket!

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**... any  
Questions?**

# Backup: Links

- Link to UNB Information
  - [http://www.stylusstudio.com/edifact/40100/UNB\\_.htm](http://www.stylusstudio.com/edifact/40100/UNB_.htm)
- BizTalk UI Help
  - <http://msdn.microsoft.com/en-us/library/aa578235.aspx>
- Migration for Covast artefacts
  - <http://msdn.microsoft.com/en-us/library/bb226456.aspx>
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