



Inhalt

- Azure BizTalk Services
- Azure Service Bus
- Demo

Folie■ 3

BIZTALK SERVICES

Page • 4

Überblick

- Tool für Systemintegration in Azure
- •Hochverfügbar: 99.9 %
- Skalierbar
- -"Pay-per-Use"

Folie 5

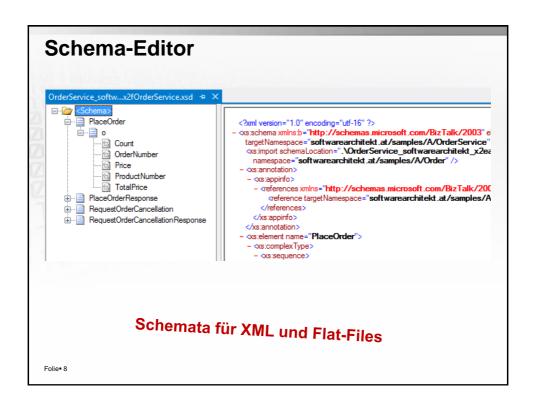
Features

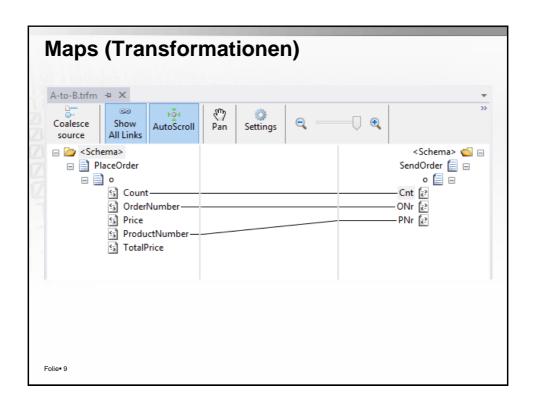
- Nachrichten transformieren
- Nachrichten erweitern
- Nachrichten routen
- Transportprotokolle überbrücken
- EDI (X12, EDIFACT, HIPPA)

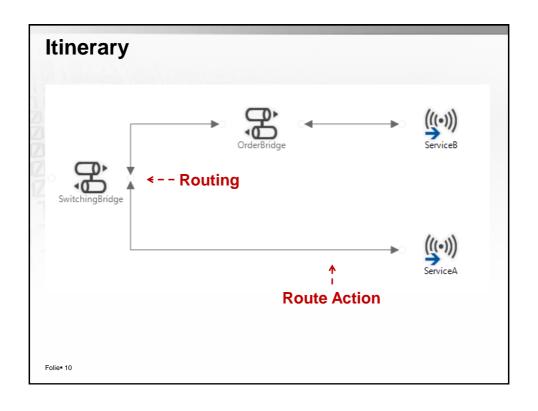
Folie 6

Kommunikation

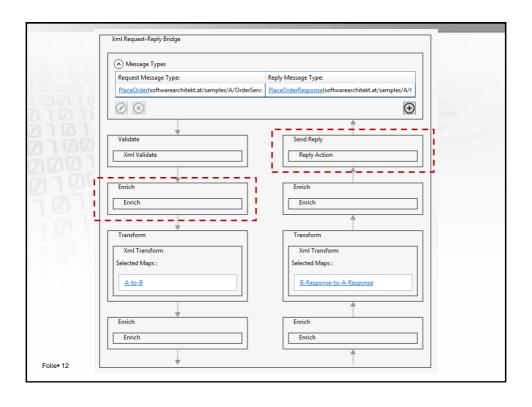
- Eingehende Nachrichten
 - HTTP, SOAP, FTP, Service Bus Queues/Topics
- Ausgehende Nachrichten
 - HTTP, SOAP, FTP
 - auch on-premise via Relaying
 - Service Bus Queues/ Topics
 - Azure Blobs
- Datenformate
 - XML, Flat-Files, weitere über MessageInspectoren
- BizTalk-LOB-Adapter
 - SQL-Server, SAP etc.

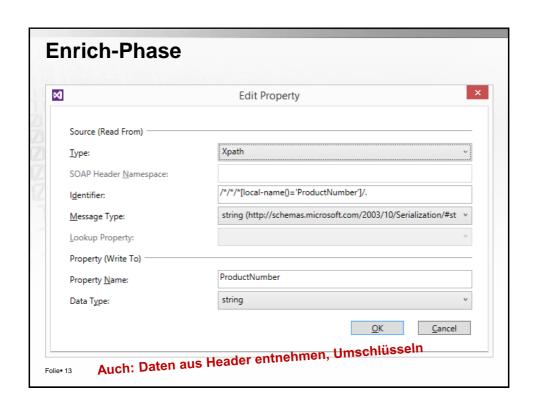


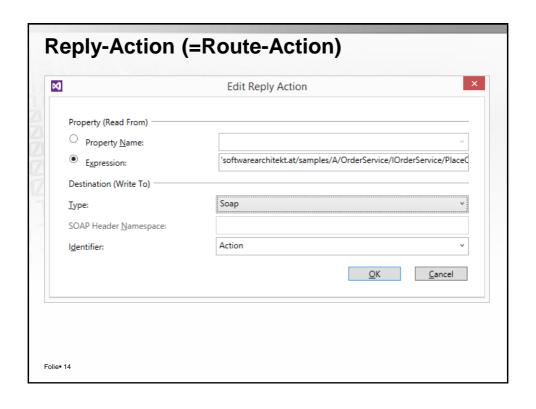




Bridges XML One-Way XML Request-Reply Pass-Through



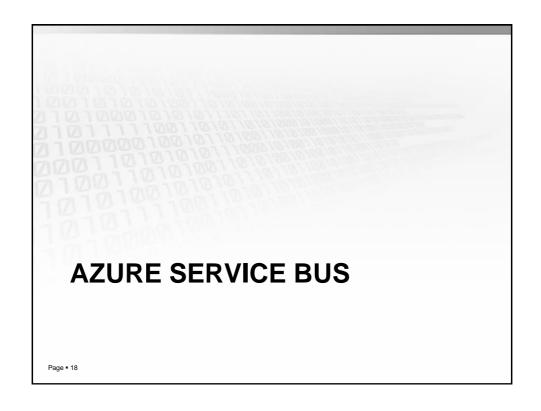




```
Message-Inspectoren
public class CustomMessageInspector: IMessageInspector {
     [PipelineProperty(Name="Info")]
    public string Info { get; set; }
    public Task Execute(IMessage message,
                           IMessageInspectorContext context)
        var stream = message.Data;
        var contentType = message.ContentType;
        var promotedProperties = message.GetPromotedProperties();
        message.Promote("MyVariable", "4711");
        var requestId = context.RequestId;
        var tracer = context.Tracer;
        tracer.TraceEvent(TraceEventType.Information,
                                   "Manfred war hier ...");
    }
}
Folie■ 15
```



DI-Por	tal			
NERAL SETTINGS	RECEIVE SETTIN	GS SEND SETTING	GS	
7	\searrow	E	**	
Transport	Protocol	Transform	Route	
Basic Settings				
Identifiers				
ISA1 (Authorization	Qualifier): 00 - No Au	uthorizat 🔻	ISA3 (Security Qualifier)	00 - No Security II ▼
ISA2:			ISA4:	
Acknowledgements				
▼ TA1 expected	✓	997 expected		
		✓ Include AK2 loop		
		Route acks as flat file		
Schemas				
Choose or upload a	valid X12 schema for	parsing incoming X12 mes	sage based on Version, Tra	ansaction Type (ST1) and Sender Application
VERSION	TRANSAC	TION TYPE (ST01) SENI	DER APPLICATION (GS02)	SCHEMA
00503	▼ 850 - Pur	chase Order v 1111	11111111111	/X12_00503_850.XSD ▼



Features Relaying Queuing + Topics

Folie■ 19



