Der Web-Service-Standard-Stack

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Standards

Standards: Beispiele

- **Schrauben**
  - IngBAU-Schraube, GVG, TORX – 8,0 X 100 MM, …
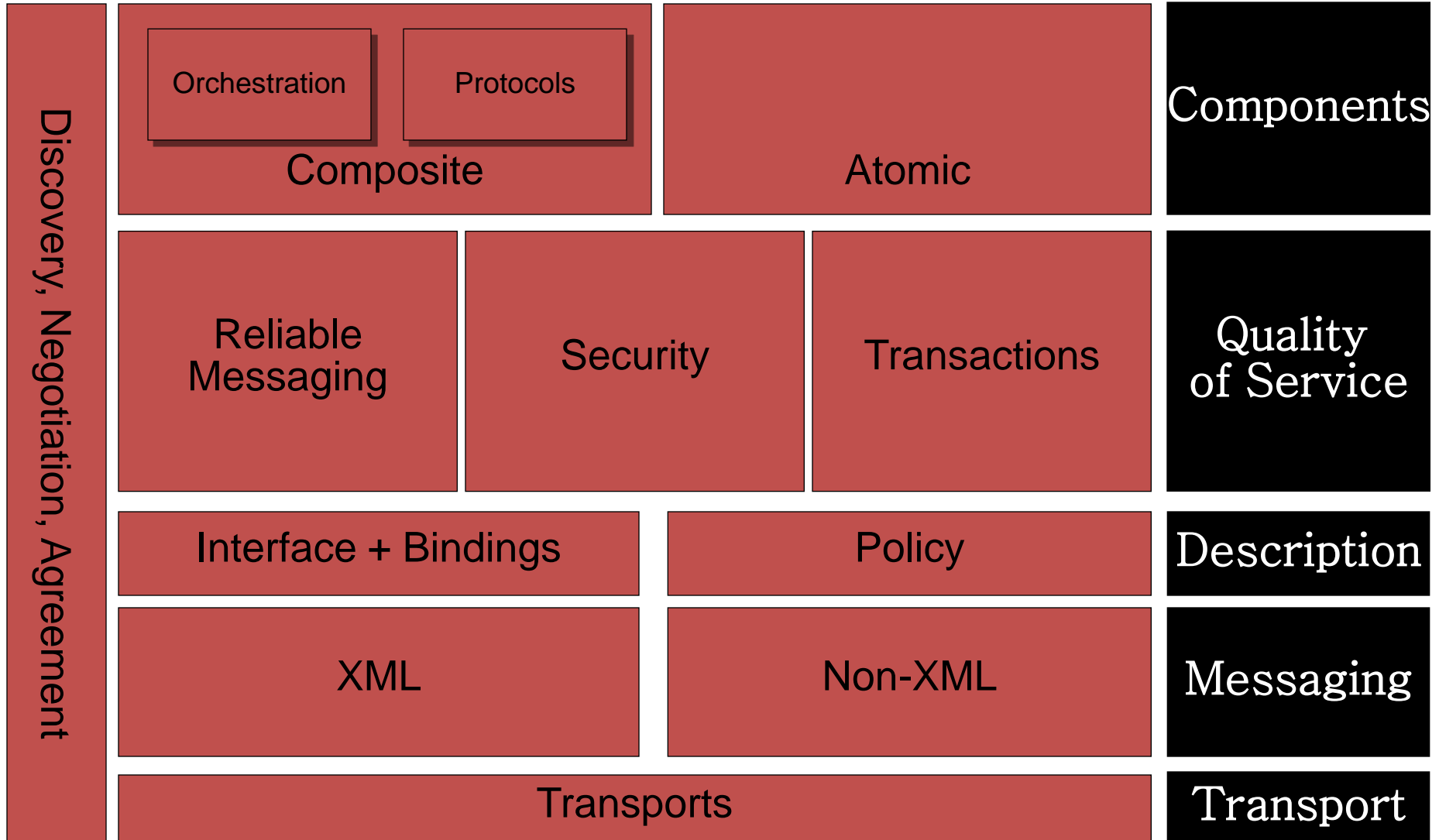

- **Briefe/Briefpapier**
  - DIN A4, …

- **Software Architektur/SOA**
  - WS-Standard-Stack
    - WS-Policy, …
    - Wird unterstützt von allen wesentlichen Software-Herstellern
      - IBM, Microsoft, Oracle, SAP, …
      - SIMPL ☺

SOA Stack (laut Frank Leymann)

Discovery, Negotiation, Agreement	Composite		Atomic	Components
	Orchestration	Protocols		
	Reliable Messaging	Security	Transactions	Quality of Service
	Interface + Bindings		Policy	Description
	XML		Non-XML	Messaging
	Transports			Transport

Web Service Architektur (laut Frank Leymann)

BPEL	**WS-C, ...**	**State**
Composite		**Atomic**

Components

WS-Reliable Messaging	WS-Security*	WS-AT, WS-BA

Quality of Service

WSDL	WS-Policy*

Description

Soap, WS-Addressing	JMS, ...

Messaging

HTTP, SMTP, TCP/IP, RMI/IIOP, ...

Transport

Discovery, Negotiation, Agreement

IAAS

Literatur

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  Web Services Platform Architecture: Soap, WSDL, WS-Policy, WS-Addressing, WS-Bpel, WS-Reliable Messaging and More.
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