

Services

<Quelle Service>
Video Input

<Komponente Service>
Segmentation

<Komponente Service>
Annotation

<Komponente Service>
MPEG-4 Encoder

<Senke Service>
Video out

publish

publish

publish

publish

publish

Service
Registry

2

find specified
Service Definitions

Shared Persistence
Service

6

is a

any persisted input

Producer
Service

Transformer
Service

Consumer
Service

is a

is a

Media
Components

1

publish defined state

publish defined state

get time specs

get time specs

publish time specs

publish status

Service Composition

3

Orchestrator

Bind found
Services according
to Process Specification

Process Specification
on Service Level

Parser

Process Specification
on Media Level

Business Process
Specification

Business Process
Management

Remote Control

Event SyncPrim

SyncCore

8

non-deterministic Interaction
on Intra- and Intermedia Level

publish service follow-up

Message
Infrastructure

5

Subscriber

Publisher

push any message
from any workflow
defined service

4

Time
Engine

7

Media
Broker

9

push start of
next service

direct call of
persistence service

push start of
next service

any real-time output

any real-time input

create/select any service

create Process Specification

manage Processes

Remote Control

Application Developer

Custom Application

Legende

- External Data
- Messaging
- Transient Data / Media Objects
- Persistent Data / Media Objects