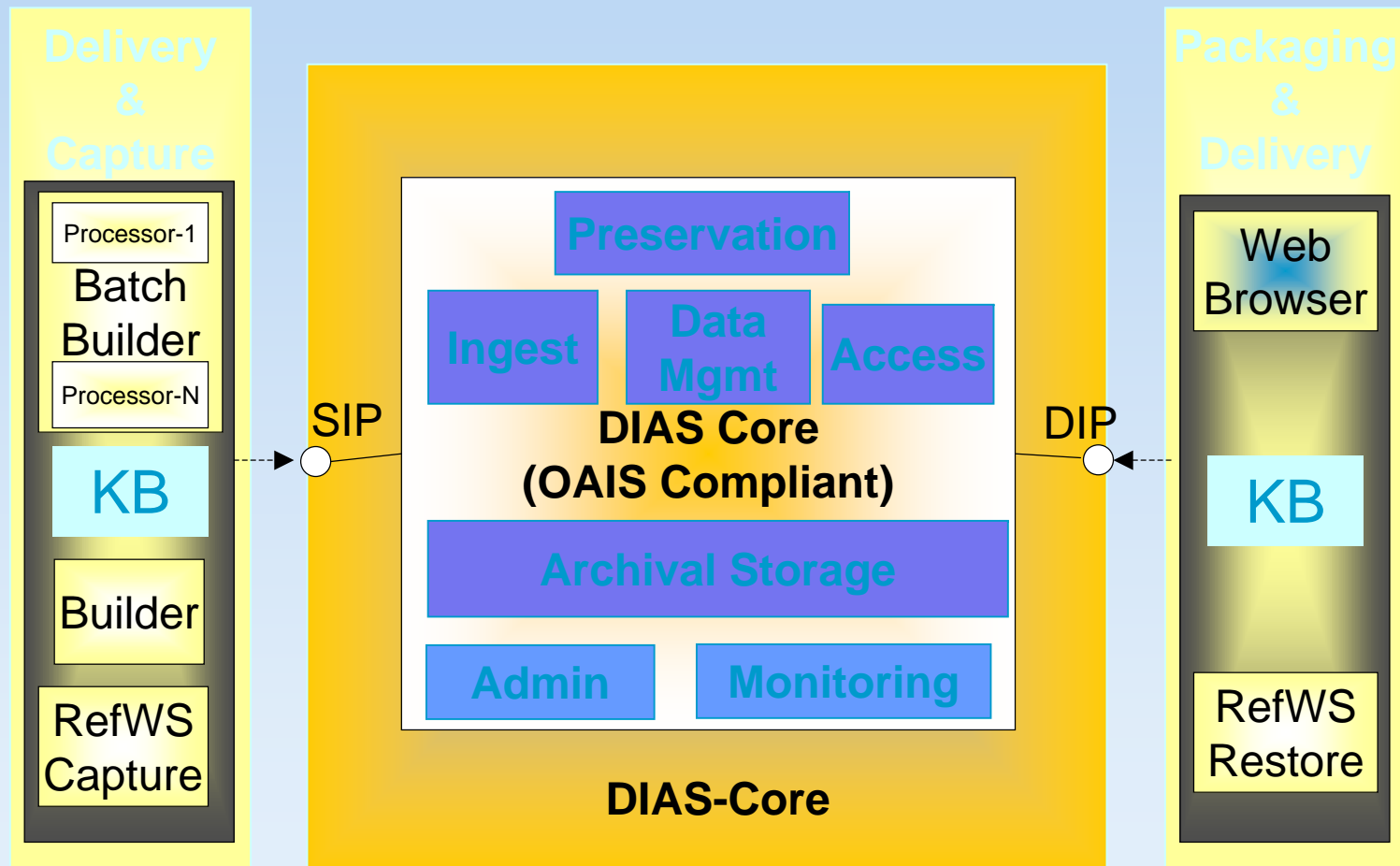# National and International Preservation Strategies and Initiatives / International Cooperation

KOPAL

KOoPerativer Aufbau
eines
Langzeitarchivs

digitaler Informationen

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The DIAS-solution for the KB

Delivery & Capture

- Processor-1
- Batch Builder
- Processor-N
- KB
- Builder
- RefWS Capture

SIP

DIAS Core (OAIS Compliant)

- Preservation
- Ingest
- Data Mgmt
- Access
- Archival Storage
- Admin
- Monitoring

DIAS-Core

DIP

Packaging & Delivery

- Web Browser
- KB
- RefWS Restore

Objectives of KOPAL

1. Evaluate the DIAS-Software of IBM (OAIS-compliant system for the Koninklijke Bibliotheek, The Hague)
2. Separate DIAS-Core from surrounding software tools
3. Develop new features: remote access, capacity to handle independent clients, enhanced SIP-Format (technical Metadata!)
4. Develop and implement tools for dedicated classes of digital objects
5. Create procedures for mass treatment
6. Implement preservation planning
7. Development of Access-tools
8. Workflow-Integration

Partners

- Leader
  - Die Deutsche Bibliothek
- Partners
  - Staats- und Universitätsbibliothek Göttingen
  - Gesellschaft für wissenschaftliche Datenverarbeitung Göttingen gGmbH
  - IBM Deutschland GmbH

- User group: Koninklijke Bibliotheek, The Hague

Technology

- Standard Software
- Fixed range of formats
- Standards however: XML, METS (LMER), MAB, PDF, TEX, TIFF
- Automation of the ingest process as much as possible

Background

- Legal deposit in Germany (coming), national and regional
- Shared responsibility of the institutions for cultural heritage
- The mass of existing objects
- Usage depends of course on the copyright, in principal the world, especially science and research

Software development & sharing

DIAS-Tool A: Generic Batch-Builder	DIAS-Tool B: UVC-Decoder for graphics	DIAS-Tool C: OSS-Tools DDB	DIAS-Tool D: OSS-Tools SUB	

DIAS Core (extended) V1.2
Clients Administration
Remote access
Upgrade CM V8

DIAS Core   V2.0 planned:
METS-Support (LMER)
Preservation Mgr.
Preservation Proc.

DIAS Core (existing) V1.1