

LiVE Enterprise Integration

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Dr. Lutz Maicher maicher@informatik.uni-leipzig.de

Prof. Dr. Gerhard Heyer heyer@informatik.uni-leipzig.de

Benjamin Bock bock@informatik.uni-leipzig.de

UNIVERSITÄT LEIPZIG

Institut für Informatik



When do managers and IT staff feel pain?

When they have to integrate legacy data to provide ...

.... up-to-date information
at your fingertips ...

for

- Financial Reporting
- 360-Degree-Customer Views
- Business Intelligence
- Risk Management
- Forensic Data Analyses
- or whatsoever

There are integration solutions at the market!

Yes, for the S&P500 companies!

.... but who looks at the SMEs?

WE!

How satisfied are SMEs with integration solutions?

4.0

5.0 is the lowest possible satisfaction!

Source: own market research in cooperation with
HHL, Leipzig Graduate School of Business

Share of SMEs using such integration solutions?

11%

Do these companies like to work with such solutions?

Source: own market research in cooperation with
HHL, Leipzig Graduate School of Business

Share of SMEs doing manual integration?

18 %

Do these companies like to work manually?

Source: own market research in cooperation with
HHL, Leipzig Graduate School of Business

Share of SMEs doing no integration?

28 %

Don't have these companies any integration needs?

Source: own market research in cooperation with
HHL, Leipzig Graduate School of Business

The answers ...

No, No, No ...

**The reason is
that there are no
information integration solutions
which fit to the SMEs' needs!**

What do SME real need?

LiVE - Integration

LiVE data – using the up-to-date, productive data from the heterogeneous legacy systems

LiVE presentation – fast and simple creation of flexible user interfaces to the integrated data

LiVE klick&play – easy to set-up a new integration solution

Why there is no LiVE integration for SMEs?

Technical reasons!

Current solutions integrate data
at the technical layer (schemata)

And why WE change this situation?

... because WE raise from the technical layer to the domain models of the applications with integration needs.

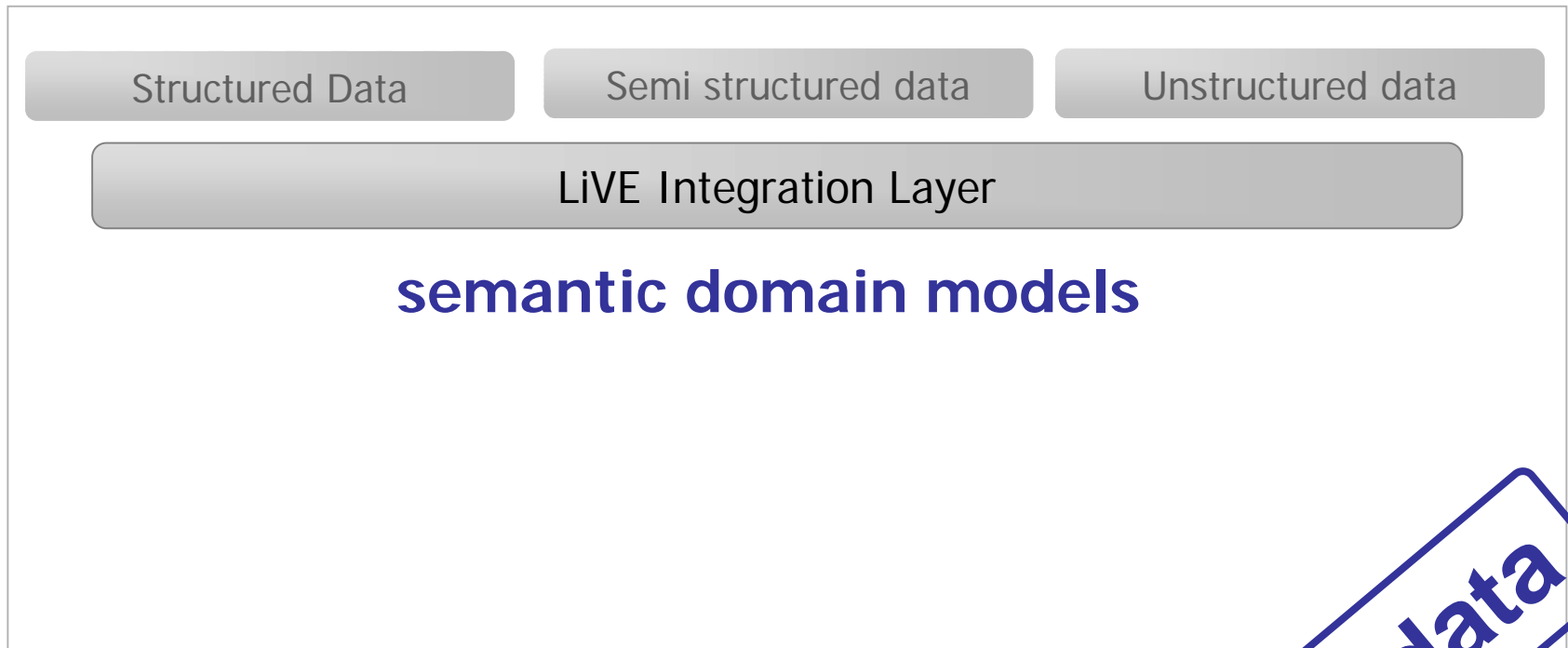
Our paradigm shift:

WE *always* put the

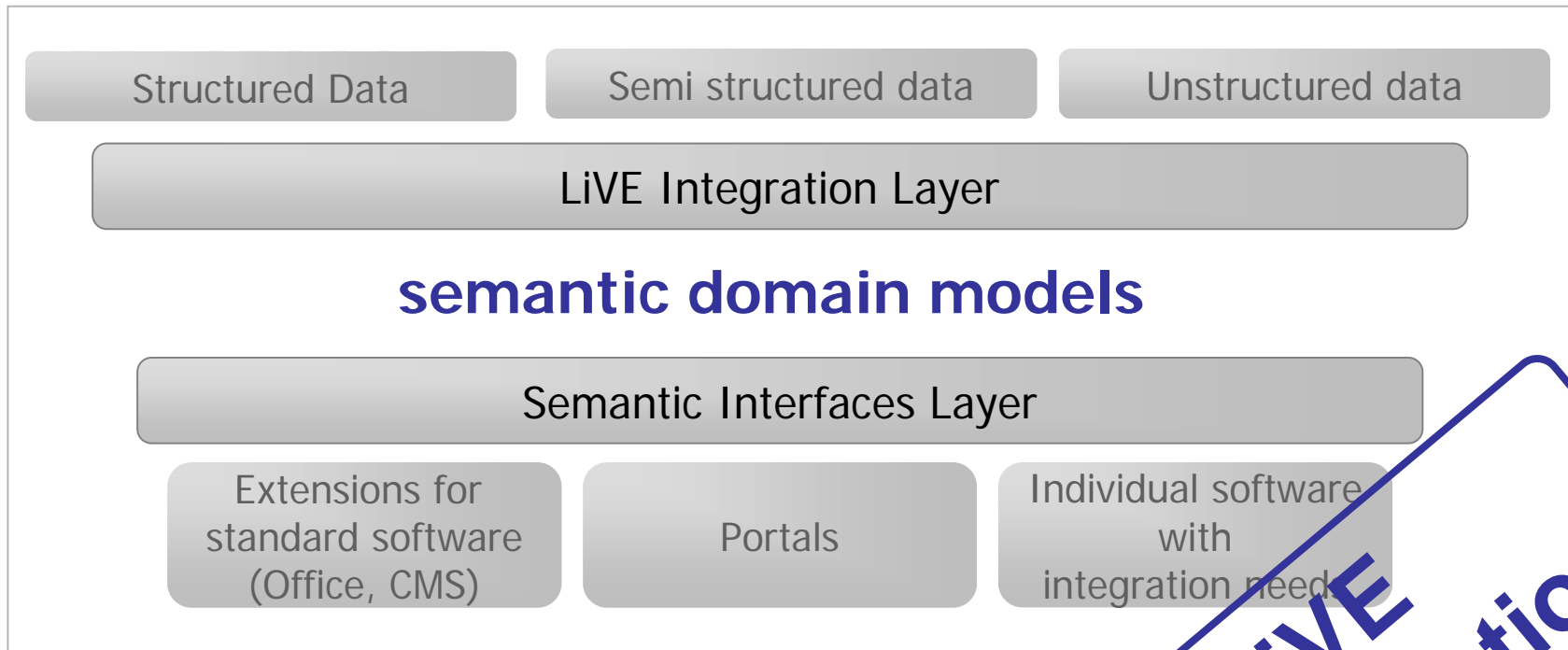
semantic domain models

in the centre.

Integration against the semantic domain models

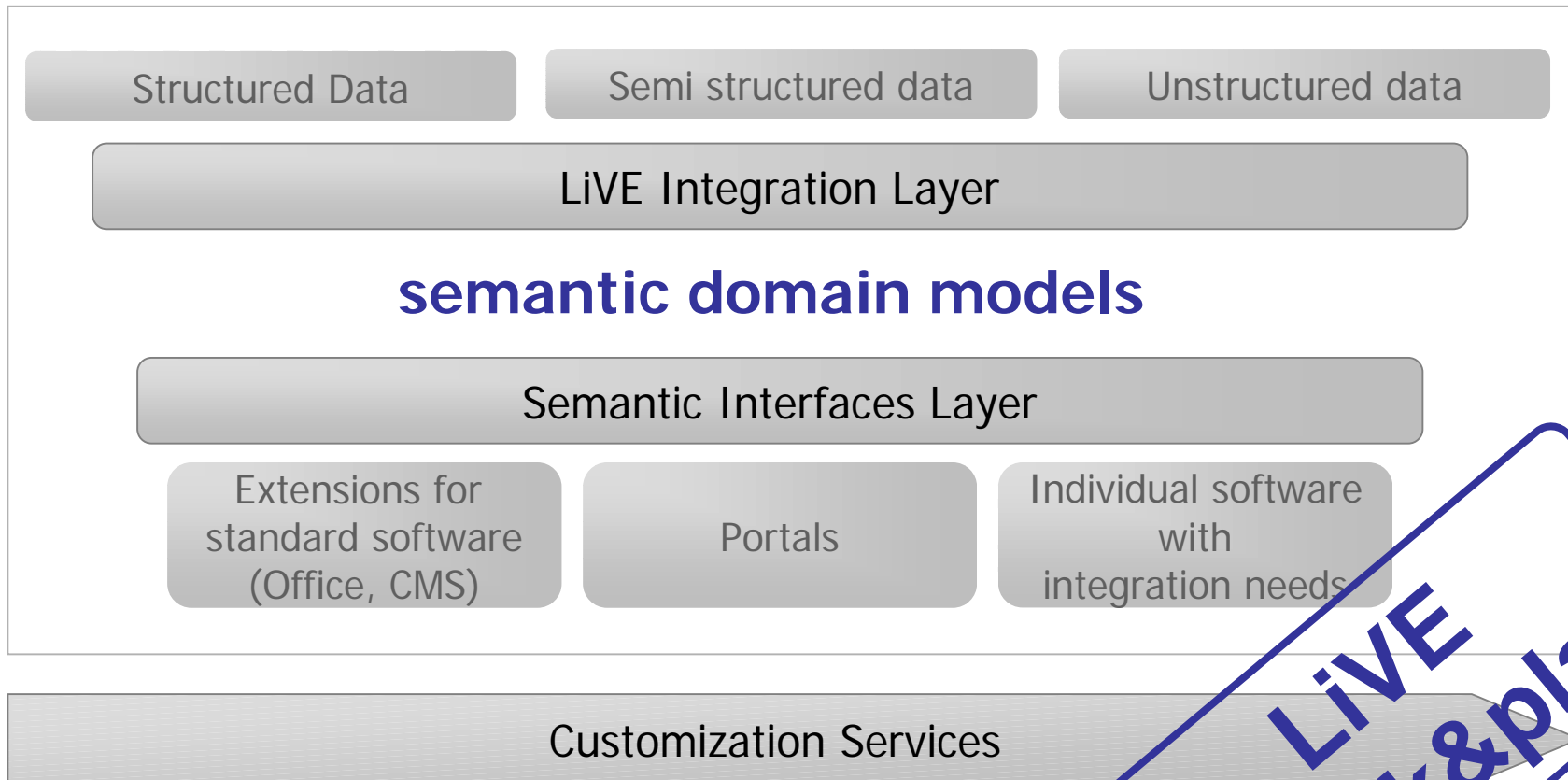


Interfaces against the semantic domain models



**LiVE
presentation**

Customization with the semantic domain models



Putting the semantic domain models in the centre ...

allows LiVE data - scalable, high performant
integration of heterogeneous data sources



allows LiVE presentation - automatic generation
of flexible user interfaces



allows LiVE klick&play - **efficient and effective**
customization services

What is the technology behind the scenes?

Topic Maps (ISO 13250)

*Industry standard for
semantic information integration*

... and the Topic Maps Lab is the leading
German research group in this field!

Topic Maps Lab – the current team



Dr. Lutz Maicher

Automatische Sprachverarbeitung, Universität Leipzig
Initiator und Leitung TMLab



Benjamin Bock

Automatische Sprachverarbeitung, Universität Leipzig
wiss. MA TMLab



Elmar Günther

HHL, Leipzig Graduate School of Management
wiss. MA TMLab



Prof. Dr. Gerhard Heyer

Automatische Sprachverarbeitung, Universität Leipzig
Lenkungsausschuss TMLab



Prof. Dr. Manfred Kirchgeorg

HHL, Leipzig Graduate School of Management
Lenkungsausschuss TMLab

in expansion
funded by
FormaT of BMBF

+ 1 wiss. MA
+ 3 SHK
+ 4 Diplomanden

Annual market volume for SME customized integration
Software & Services in Germany

241 Mio. €

And not only German companies are faced with the
integration challenge.

Source: own market research in cooperation with
HHL, Leipzig Graduate School of Business