

**GIM6 Übung
Voice XML**

Dr. Thomas Strasser
Silbergrau Consulting & Software GmbH

Overview

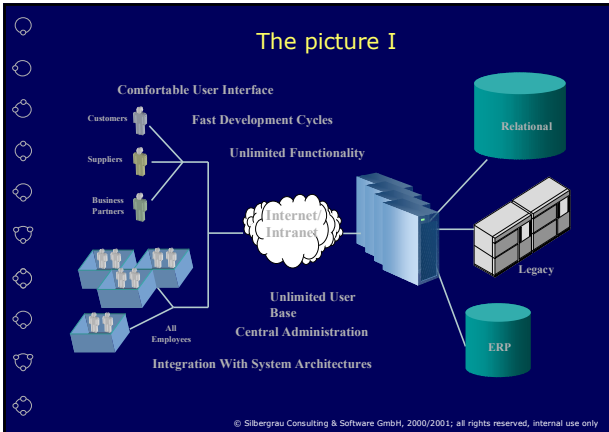
- Motivation
- Environment
- Some small samples
- Resources

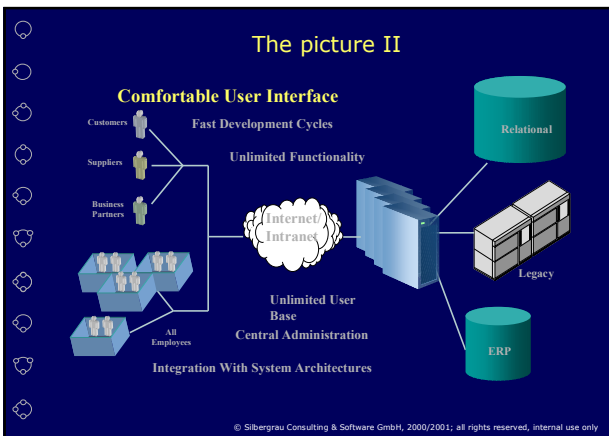
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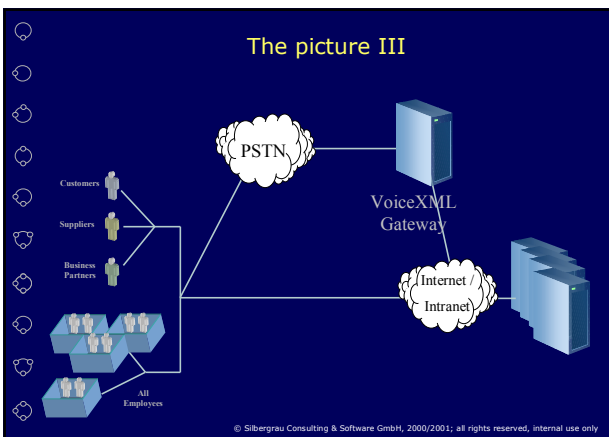
Motivation

- Today's eBusiness applications
 - Aspects
 - Web
 - ...
- But
 - Voice on the web?
 - Why voice?
 - Why XML to describe voice?
 - What about eBusiness and voice?

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Voice XML

- Building blocks
- Environments

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Voice XML Building blocks

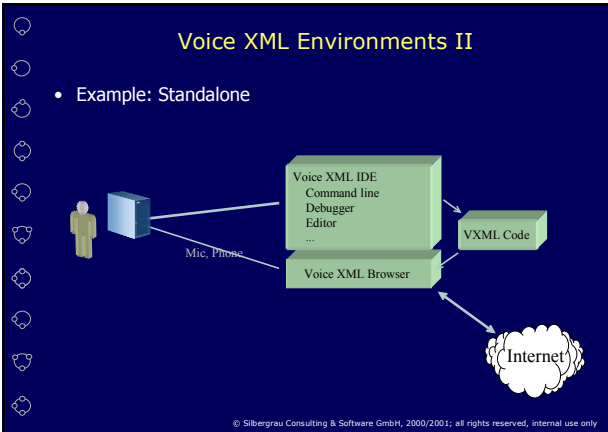
- Dialogs
- Navigation
- Forms
- Grammar
- Events

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Voice XML Environments I

- Two scenarios
 - Standalone
 - For development
 - PC
 - IDE
 - Browser
 - Microphone
 - Phone: Phone
 - (Internet)
 - Hosted
 - Voice XML Gateway
 - May be used for development and production

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Examples

- Hello world

```

<?xml version="1.0"?>
<!DOCTYPE vxml SYSTEM "http://www.voicexml.org/voicexml1-0.dtd">
<vxml version="1.0">
  <form id="hello">
    <block>Hello world!</block>
  </form>
</vxml>
  
```

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Examples

- A main menu (see book)

```


<menu id="topLevelChoices">
  <prompt>Your choices are: <enumerate/> </prompt>
  <choice next = "#calendar">Calendar</choices>
  <choice next = "#todo">To do</choices>
  ...
</menu>
  
```

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Resources

- Books
 - Voice Enabling Web Applications, Abbott
- Web
 - <http://www.voicexml.org>
 - <http://www-4.ibm.com/software/speech/enterprise/vtoolkit.html>
 - <http://alphaworks.ibm.com/tech/voicetoolkit>
 - <http://alphaworks.ibm.com/tech/svk>
- Software
 - At the moment available at no cost
 - Provided, see CD

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Thank you

