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Reasons to use ...

e-business

IWWWW

Queries

- Shopping
- -Weather reports
- Stock quotes
- Health care provider listings
- Customer service information

Transactions

- Calendar functions
- Employee benefits and timecard submission
- Financial transactions
- Travel reservations
- Shopping





































WWW

Building the Applications

- Assumptions
 - Web developers know little about speech reco technologies
 - Speech (and IVR) developers often know little about the web

Goals

- Make speech app development as easy as GUI web development
- Leverage existing web app logic using the same web programming model
- -Bring web developers into the voice space
- -Bring voice/IVR developers into the web space
- With as little pain as possible!

























Terse	Personal
More efficient	More wordy, even verbose
Tends to produce concise user responses that are easy to recognize	Can cause users to generate more freeform responses than grammar is designed to handle
Can be perceived as machine-like and impersonal	More human-like, but can wrongly imply system is intelligent





Final Thoughts....



• IBM WebSphere Voice Server and VoiceXML allow you to increase your potential customer base to anyone owning a telephone

- Reuse your already existing Web infrastructure, business logic and data... just add a new presentation layer
- Already existing markup language skills can easily migrate to the VoiceXML model
- Become experts in Speech User Interface design! VoiceXML and the IBM Development environment provide an easy way to prototype the User Interface and try it on real users.





