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▪ Market ▪ Trends ▪ Community-enabling Services ▪ Broadband Wireless Access ▪ Pervasive Communications ▪ Intuitive Usability ▪ Integrated Communication ▪ Intelligent
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Deutsche Telekom Laboratories

Anger Recognition Demonstrator
Dr. Felix Burkhardt



Anger Recognition Demonstrator

- A demonstration scenario for the recognition of angry speech in human-machine interaction.
- Simple interface (Fig 1): click on microphone, robot talks to you and recognizes anger from sound of voice.
- Alternative interface presents light bulb anger indicator with self-learning feedback option (Fig 2).
- Can be trained to fit demonstrator's way to express anger (Fig 3).
- Demonstrator runs without network under Windows or Linux directly from USB-stick.
- Extendable to recognize e.g. joyful, sad enthusiastic, stressed or drunken speech.



Fig 1: demonstration interface



Fig 2: alternative interface



Fig 3: training interface

