

Face Stabilization & Tracking on M32R

M32R CPU supports complex computer vision and multimedia applications

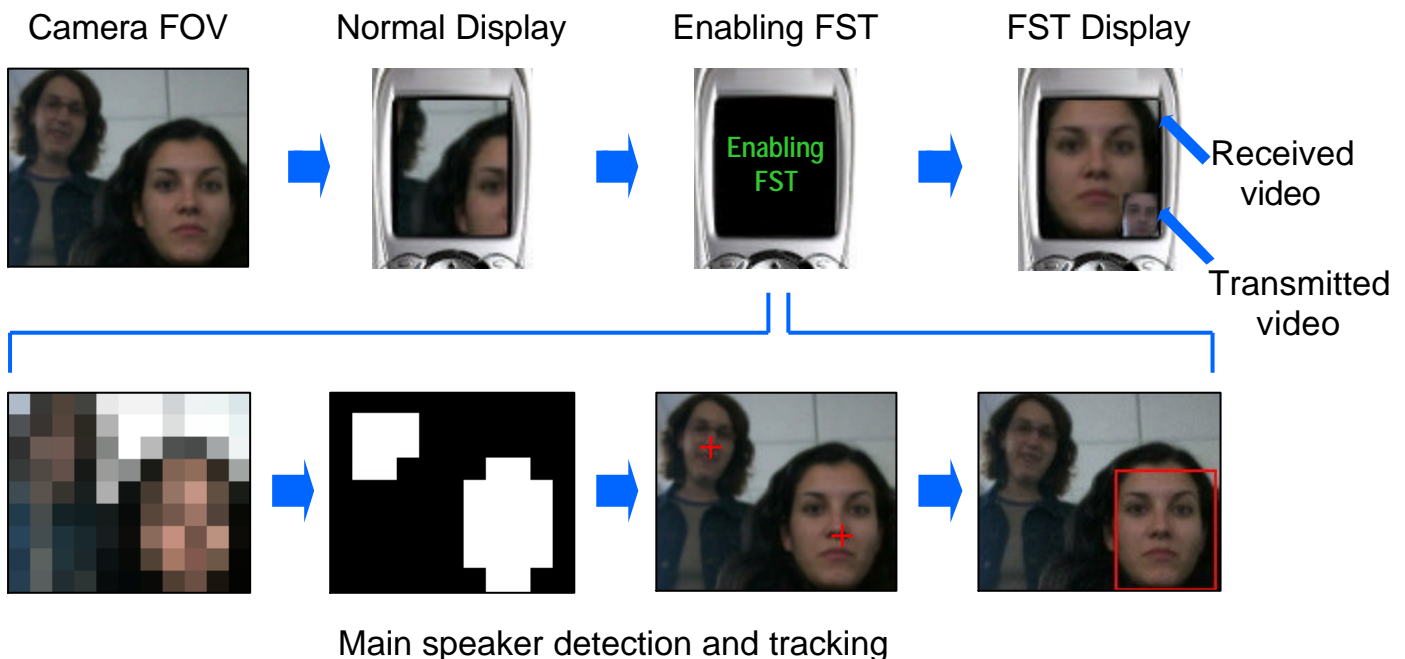
Features

- ◆ Automatic, real-time detection and tracking of faces in the video stream
- ◆ Low computational complexity for real-time operation

Applications

- ◆ Face image stabilisation, High-quality video coding, Speaker localisation, Pre-processing for Face Recognition

Example application – mobile terminals



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Conclusions

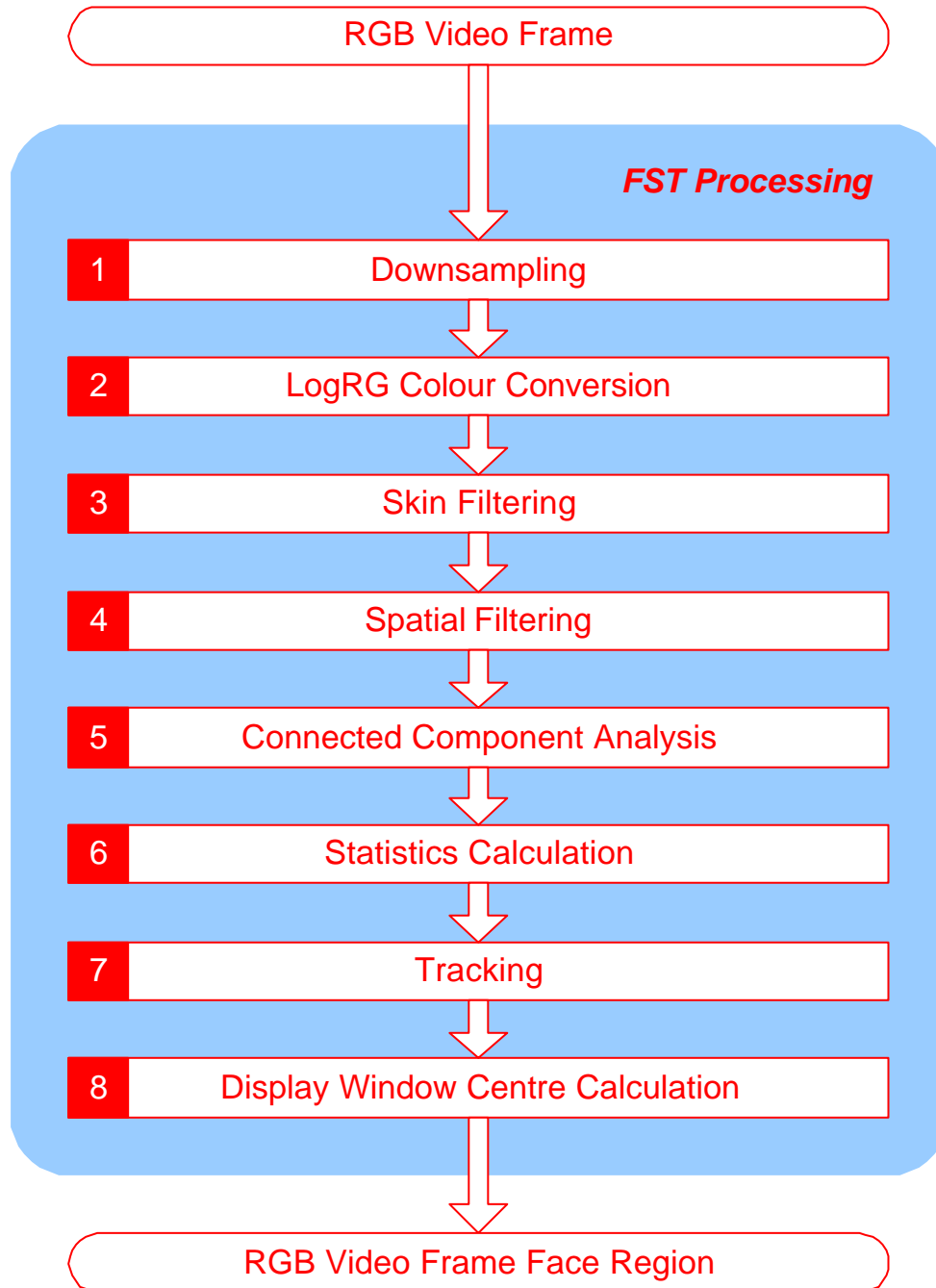
- ◆ M32R CPU and Linux development toolkit support complex multimedia and computer vision applications
- ◆ Future work includes Real Time Face Recognition

お問い合わせ窓口

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Functional flow of the R/T Face Tracking algorithm



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