

FaceBots: Shared Memories and Shared Friends towards meaningful long-term HRI

<http://irml.uaeu.ac.ae>

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Our Vision

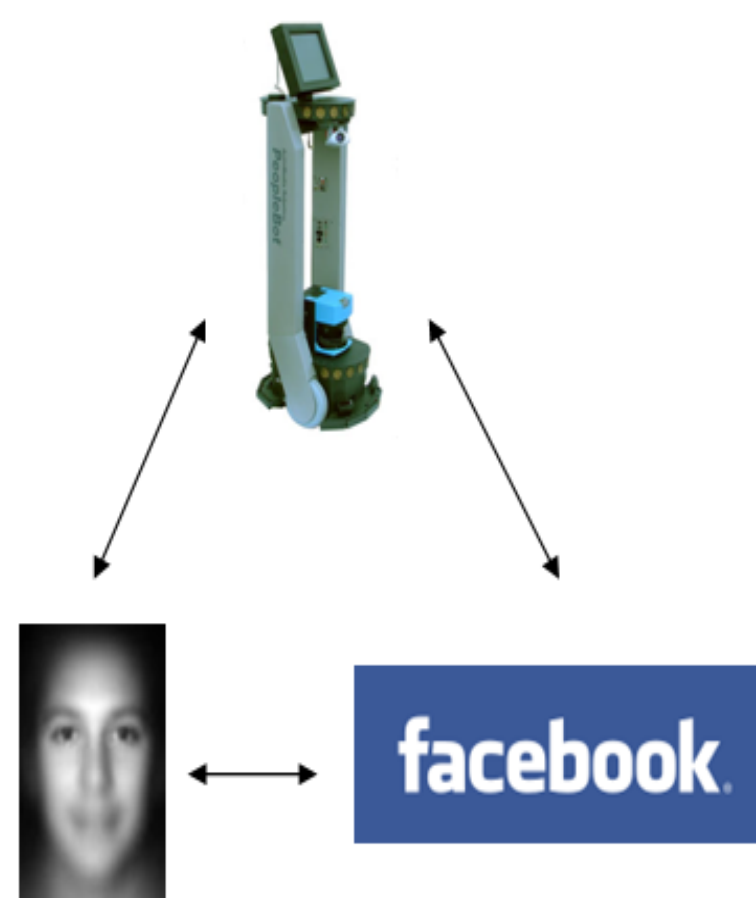
Long term Human-Robot Relationships:

How can we make them become interesting and sustainable?

What is missing? ->

Robots utilizing and publishing social information in Facebook

Personal info
Who your friends are
What you did recently
What shared memories do we have
Robots have their own page, too...
...even, gossip!



Well, many things...
But the main elements might be:

I. Shared memories



II. A social circle

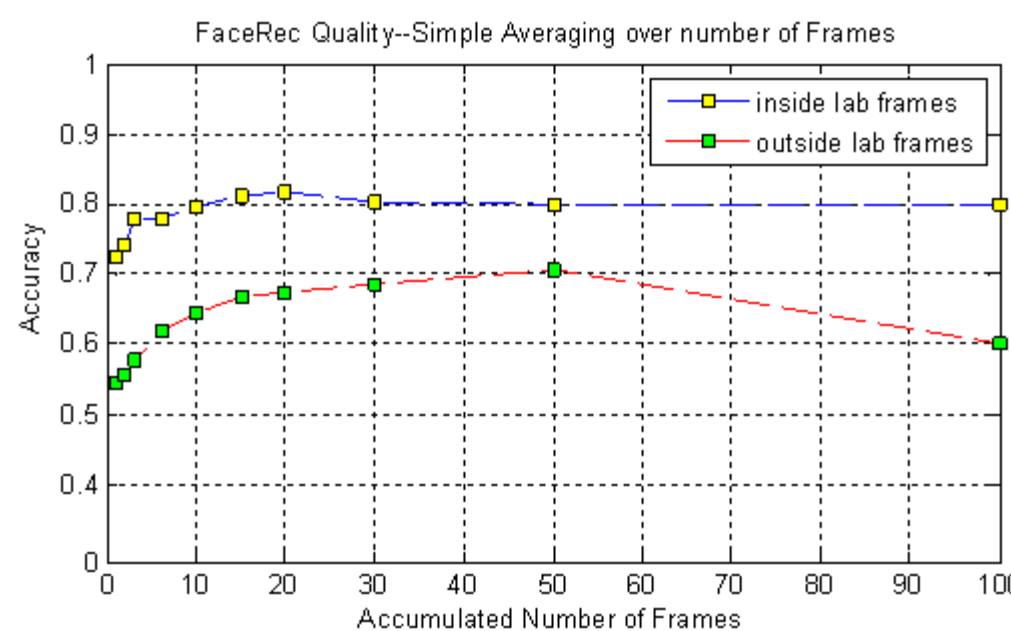
<-How do we get there?

Interactive Robots, Face Recognition and Online Social Networking:

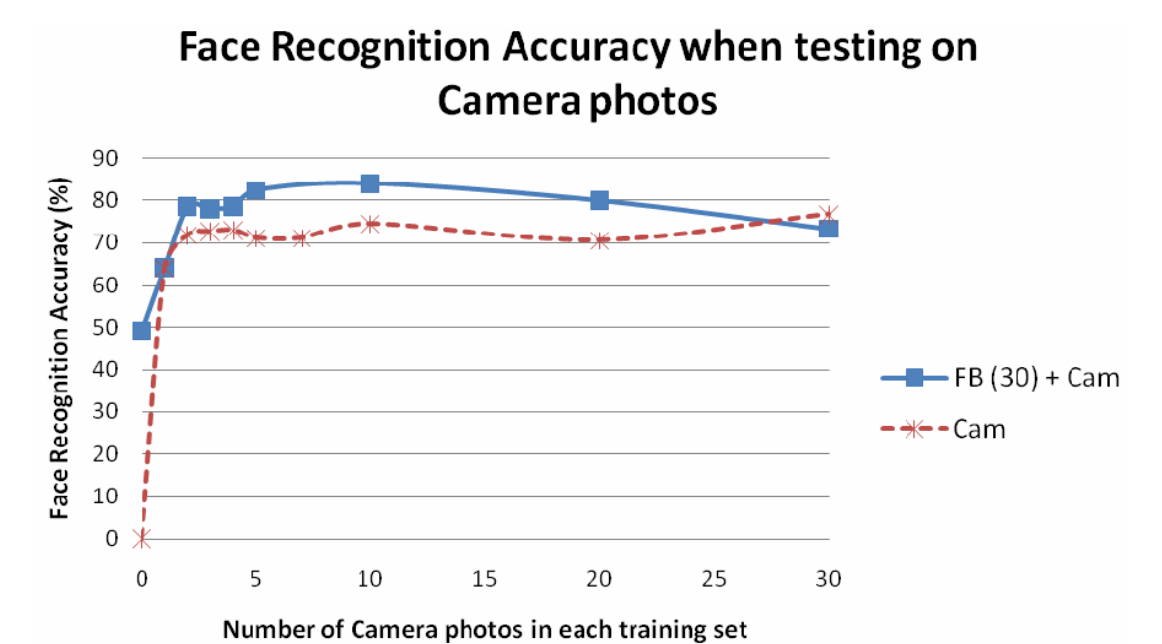
A triangle of mutual benefits



Sarah Mobileiro AI FaceBot

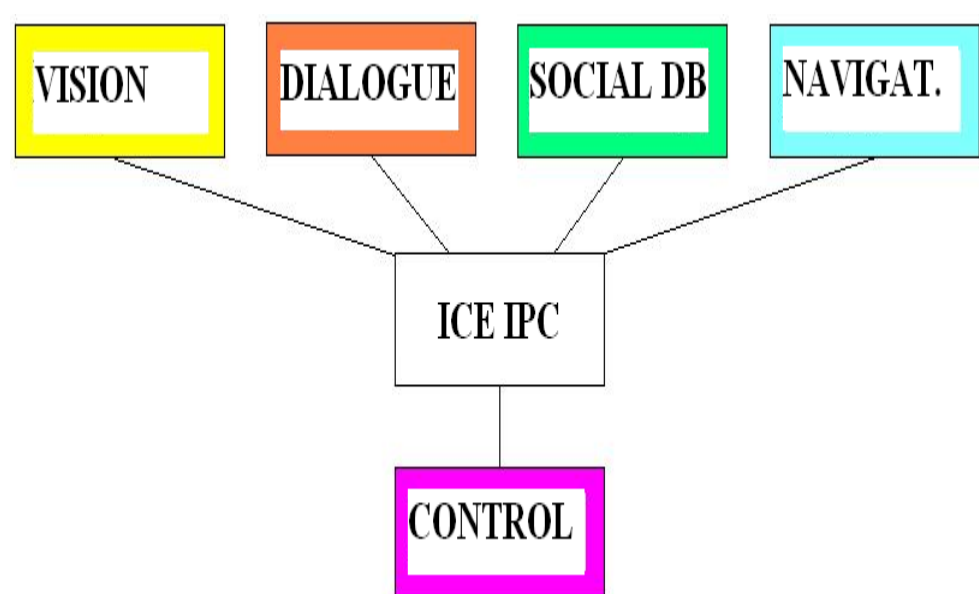


Face Recognition: Temporal Accumulation of Evidence



Face Recognition: Complementing Camera with FaceBook photos

Modular Architecture



Utilizing Social Information for Enhanced Face Recognition



Sarah's Facebook Friends

