MSE-API

A Usable API for Multi-Surface Systems

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Spatially-aware Multi-Surface Environments
Types

Continuous

Hybrid

Discrete
Spatial Gestures

Flick Gesture

Throw Gesture

Grab Gesture
Question

After 40 years of work, why do we only have very limited real-world applications of multi-display/multi-surface systems?
Consumer Level Hardware

Marker-Free Tracking
How does the API work?

1. **POST** from the Locator to the Server
2. **POST** from the Server to the API
3. **GET** from the API to the Locator

Options:
- Send location/orientation
Users create a pairing between themselves and their device by waving.
SKY HUNTER

MRI Visualizer

SurfNet