


ICEmobile : Augmented Reality

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Augmented Reality

The `<mobi:augmentedReality>` component is used to display a list of labeled icons on a video overlay positioned so that they correspond to the users line-of-sight. The selected icon returns the label as the value. This can be used to help guide a user to a particular destination or to select from a set of nearby destinations.

 Compass and GPS accuracy may be highly variable.

[Watch a video of Augmented Reality](#)

Usage

This component is used in conjunction with the **augmentedRealityLocations** tag to provide the details for each of a set of locations.

```
<mobi:augmentedReality id="ar" urlBase="{realityBean.baseURL}"
  value="{bean.selectedLocation}" >
  <mobi:augmentedRealityLocations
    value="{bean.places}" var="place"
    locationLabel="{place.title}"
    locationLat="{place.lat}"
    locationLon="{place.lon}"
    locationDir="{place.direction}"
    locationIcon="{place.iconURL}" />
</mobi:augmentedReality>
```

The **augmentedRealityMarkers** component may also be used for rendering 3-Dimensional markers in the Augmented Reality view:

```
<mobi:augmentedReality buttonLabel="3D Augmented Reality"
  urlBase="{realityBean.baseURL}"
  value="{realityBean.selection}">
  <mobi:augmentedRealityMarkers
    value="{realityBean.markers}" var="marker"
    markerLabel="{marker.label}"
    markerModel="{marker.model}" />
</mobi:augmentedReality>
```

Component Documentation

[augmentedReality](#)
[augmentedRealityLocations](#)
[augmentedRealityMarkers](#)