

Objective

- Get an overview of “Quick App” – what it is, its status/roadmap/etc
- Brainstorming the potential interaction / collaboration w/ W3C

What is “Quick App”

Web App	No Install	Link Easily	Inconsistent Perf	Lacks APIs	Hardly Revisit
Native App	Need Install	Link Poorly	Good Perf	Rich API	Easily Revisit
Quick App	No Install	Link Easily	Good Perf	Rich API	Easily Revisit

- ✓ A **New Form** of Mobile App –
No install/uninstall, Various entrance, Can be used on the fly
- ✓ Standardized by top China mobile device makers

Bar/quad code,
Battery, Network,
Contact, Phone call,
AI, etc

“Quick App” Usage Scenarios

Entrance Everywhere

App Market, Desktop shortcut,
Global Search, Browser, ,...

Scenario-based Recommendation

Smart Assistance –
Travel/Voice/Vision/Touch/etc

Social Sharing

Link sharing via mainstream sharing
applications



“Quick App” structure



- Configuration

- Common Script

- Page & Resource

A quick look at the code

<template> Define Content

```
<template>
  <tabs>
    <tab-bar>
      <block for="{{title}}">
        <text class="nav_tab_list" style="text-align: center">{{$item}}</text>
      </block>
    </tab-bar>
    <tab-content>
      <list onscrollbottom="refreshList">
        <list-item class="content_item" for="{{dataList}}" type="item_content">
          <image style="width:220px;height:180px;margin-right:20px" src="{{$item.poster}}"/>
          <div style="flex-direction: column">
            <text style="font-size:40px;font-weight:bold">{{$item.title}}</text>
            <text style="font-size:30px;">{{$item.catering}}</text>
          </div>
        </list-item>
      </list>
    </tab-content>
  </tabs>
</template>
```

<style> Define Style

```
<style>
  .content_item {
    padding: 20px;
    border-color: #ddd;
    border-bottom-width: 2px;
  }
  .nav_tab_list:active {
    color: #38b337
  }
</style>
```



A quick look at the code – cont.

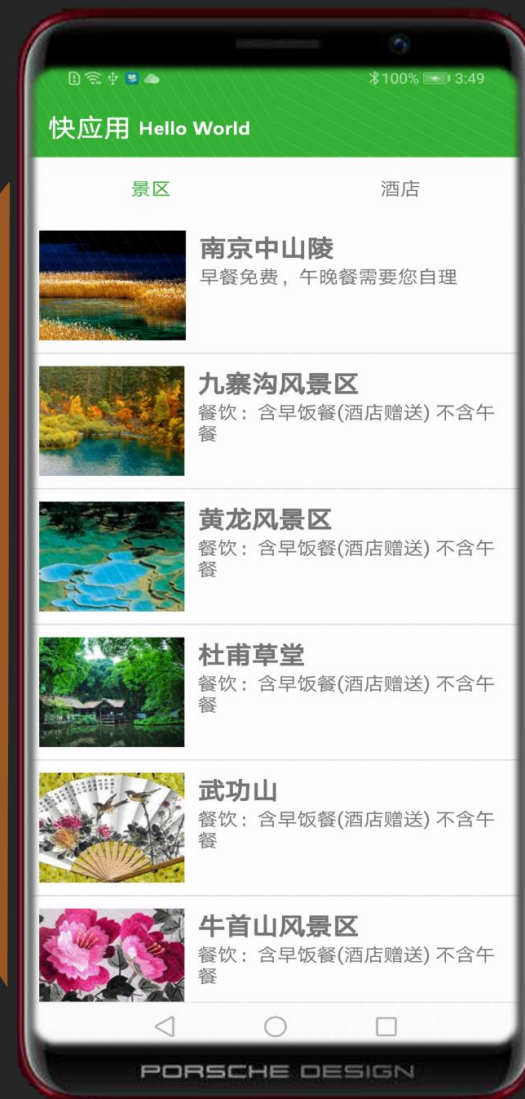
<script>

Define
method

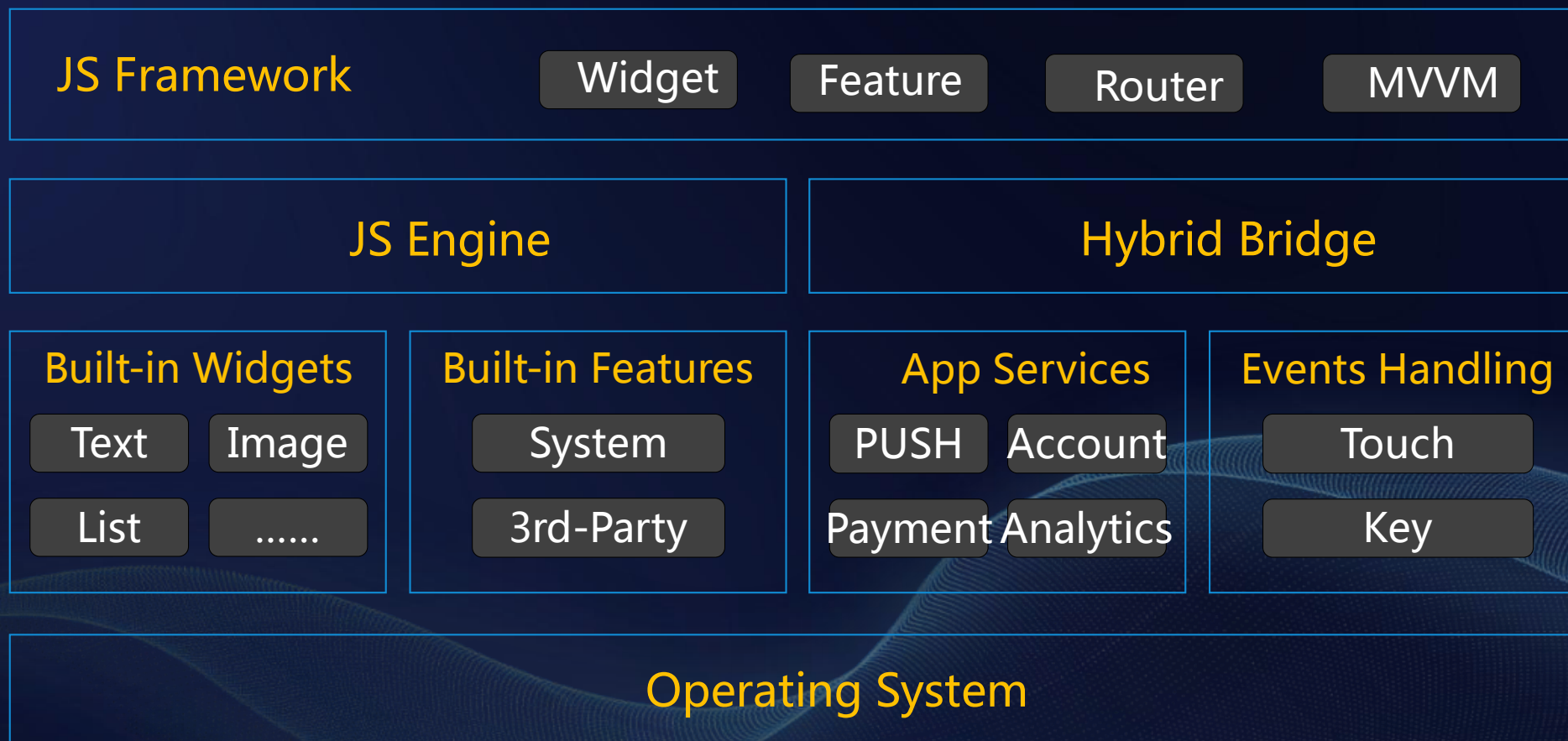
```
<script>
  import fetch from '@system.fetch'
  export default {
    data: {
      title: ['景区', '酒店'], dataList: []
    },
    onInit: function () {
      fetch.fetch({
        url: "http://app.getData/rest/api/dataList",
        success: function (ret) {
          this.dataList = JSON.stringify(ret.data);
        }.bind(this)
      })
    }
  }
</script>
```

fetch()

Get the content of
list items



Runtime Architecture



Component & API

Component

- Base
- Advanced
- User-define

System API

- File System
- Hardware Features
- Image/Media
- WebSocket
- Canvas
- WebGL
- ...

3rd Party Service

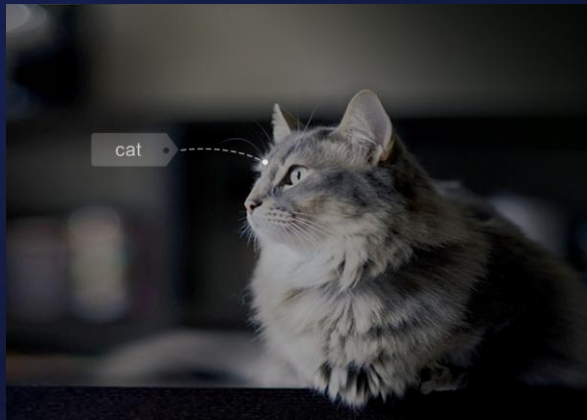
- Pay
- Share
- Account
- ...

System Service

- PUSH
- Statistics
- ...

AI , AR - Experiment

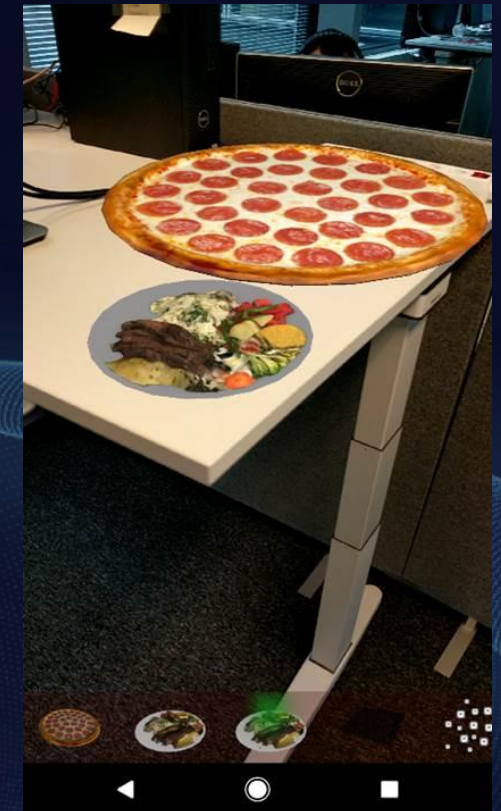
AI - Image Label



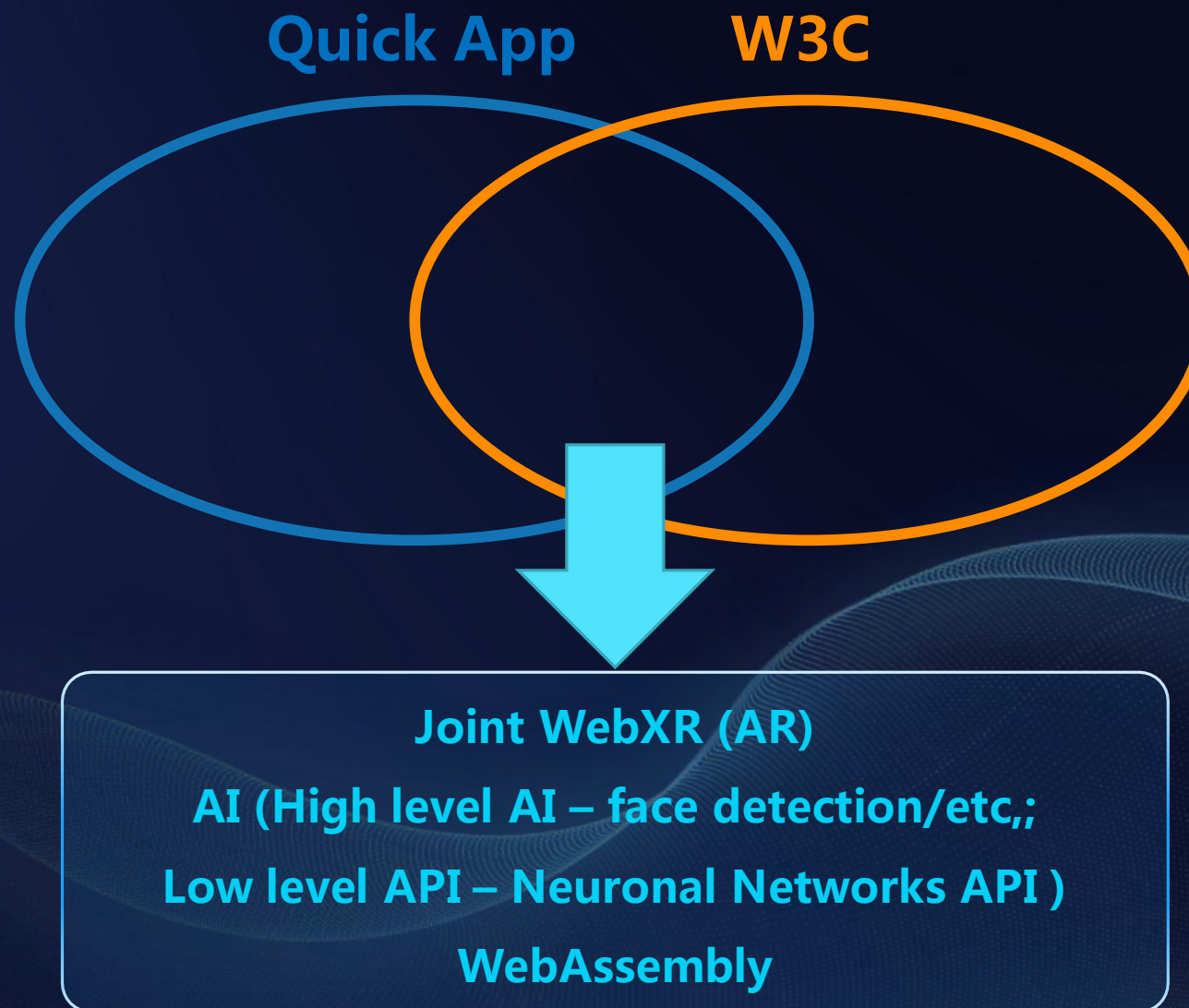
AI - Face Detection



AR - Dishes



```
var ai = require("@system.ai ")  
ai.detectFace(...)  
ai.detectLabel(...)  
...
```



WICG
WebXR CG
WebML CG

...
?

Thank You

