

AppInventor wants and needs:

Platform

- ⤴ image scaling
- ⤴ Printing/export blocks to pdf jpg
- ⤴ Multiplatform Support? (HTML 5/CSS/JavaScript)

New and Improved Components

- ⤴ TinyDB more than key/value –
- ⤴ Access to pictures immediately after they are taken.
- ⤴ Current state of WebDB is confusing – we are not running a DB server run something on top of fusion tables
- ⤴ Aggregate information from several different web sites.
- ⤴ What I'm waiting for is some method of phone to phone communication without SMS
- ⤴ Maybe message by IP
- ⤴ send email easily -
- ⤴ increased support for JSON
- ⤴ python dictionary type object – end of summer maybe?

Language

- ⤴ Local variables in procedures (that aren't just the method parameters).
- ⤴ Library support/modular blocks
- ⤴ To locate info from a web page, currently we can do a plain old http request and get the raw HTML back, but we have to parse it ourselves = Nightmare in App Inventor.
- ⤴ Being able to request a page and turn it into a structured object that a student could more easily use would be nice.
- ⤴ Dynamic component creation

Documentation

- ⤴ Pixel manipulation - so that we can incorporate the media computation work. - get/set pixel already exists needs better documentation
- ⤴ Explanation of WebDB capability/responsibility
- ⤴ discovering features

Programming Environment

- ⤴ Sharing code across projects
- ⤴ Collaborative development of code like google docs
- ⤴ Search Blocks for code
- ⤴ Organizing Code Blocks
- ⤴ copy paste across screens or more powerful than status quo – date?
- ⤴ Debugging
 - Single Step

Future

- ⤴ Another round of summer of code?
- ⤴ Open source?

Priorities

⚡ **Component Developers Kit**

- modularization
- not insignificant but very powerful and lots of potential
- collaborative

⚡ **Help empower the development community**

- Share/Improve developers documentation
- Opening the code base
- local faculty advisors for senior design type project

⚡ **AppInventor Mobile Development Scholar**

Already Upcoming Technical Changes:

Gallery

Wireless

Blocks in browser

Block to text

Merger

Fling

Background Android Services

Camcorder