**Manual Settings**

**Secure SSL/TLS Settings**

**(Recommended)**

|  |  |
| --- | --- |
| **Username:** | james@orggrowth.com |
| **Password:** | *powDe3o#* |
| **Incoming Server:** | gator4155.hostgator.com   * IMAP Port: 993 * POP3 Port: 995 |
| **Outgoing Server:** | gator4155.hostgator.com   * SMTP Port: 465 |
| **Authentication is required for** | |

Enable Shared Contacts

Enable Shared Calendars

Application Development – For James!

You will need to know where I am at and what’s happening along the way, perhaps its not so important now but we hope there comes a time when you’re going to be getting drilled questions about whats happening and let’s face it, I might be getting on with making it all happen.. Self Educate!

When designing, developing and deploying I have a really specific way of knowing where I am at and whats next, this is that you can learn as it will help you to know where we are and whats next!

First in any project it will unfold like this

Design: Obviously the art of gathering information, testing stupid ideas that become reality, investigating if we can do what we think we can.  
The second phase inside Design is the design itself, this often happens on bits of scrap paper, blots of crumby code I’ve written out, some ends up in wiki’s on the fantastic Github (which you’re going to come to L O V E!! some actually make its way off paper, out of my head, into the code and onto a working piece of the end result… Some end up being that start of something bigger.

This first piece is “Design” is called ALPHA – Why Alpha? Easy! That’s cos of Github, truth be told, Github has been with us right from the start, right before the “Design” phase even begun…. Github ensures that what I drop on the floor, put into code and lose or forget all about is kept safe and sound all the way with him! He is my second best mate! But don’t worry, I think you and Git are going to get along so well once you see how useful he can be and I think you can use him to!

Let’s stop here for a second... Let’s meet Git!

Github started in Feb 2008… He lives in this really strange looking website with lots of weird codes and objects with weird names being played with by a bunch of guys who look even weirder than o’l Git.

Now what Git does, he maintains order in the world, and I mean that quite literally! Let’s take the focus off the geek squad for a moment and place it onto you…. You are working in HR, you create a form, it follows a process, every now and then you need to review this process and the form make a changes to either and both… You’re pretty fly, you get it, that change now you’re clearly going to mark that document as different to the old one right… that way you and anyone else using the form has a way of silently communicating that you done something, that’s it… You mark the date you reviewed both documents and you marked the one that changed by changing the version number… Obviously you updated the internal version control in the document master as well and that’s how everyone knows there was a change..

Git – He is the document control essentially, when you place a document, code, or whatever it is inside Git, it get’s marked with a “Iteration” and throughout its lifetime this “object” will get bounced from “iteration “ to “iteration” and that’s ok! That’s how we learn and get everything right, it’s also how everyone else knows whats going on. So you put that thing in and its marked generally as “MASTER” that’s the branch of our tree, this is where the object will spend most it’s time. I come along and I want to add something to your object… I create a new “iteration” or Branch… Diff folks, diff strokes, some people would call that branch 2, some might call that Kenny, but whatever they call it they follow a standard structure the whole time….

My Structure… MASTER is the tree stump to my branch – Master is going to be the closest to development out of any branch I have checked out… My first check out is Alpha, then Beta, then Delta, Gamma and finally the one I love almost as much as Git… Production… Git doesn’t just hold shit and wipe our sweat away when we come back with these branches we have been working on… Git helps us to check what we done while we were away and to make sure that if someone else came to help us we know exactly what they did.. that’s be cause when someone checks something out in Git, they have to check it back in… Git he get’s pretty ancy about this part so he compares the items and points out whats been changed from the “Master” to the branch someone is trying to give to him… He’s pretty cool when you think about it… Now thanks to Git, we don’t go wasting all the work on our branch by killing our master when we come back with all the work we done.. Now Git’s second purpose comes to light.. Yep, you guessed it… He is the Version Control… He also sleeps around with our build platforms and speaks with the branches when we don’t know he is… That’s why he knows what’s happening with our branh all the time!

You like tests??? I do… I am going to put this document into Git… I am going to mark this as the Master cos it’s the first branch of this… When I’ve done that I’ll check out the “Alpha” so I can keep telling you of my story, don’t worry I’ll be right back!