

Quarterly Mobile Apps, Business Intelligence, & Database

BILT Meeting October 10, 2012

Meeting Minutes



Trends

Matt Glover: Trends that are hitting us the cloud trend is continuing to gather momentum it is really starting to transform computing. Microsoft is coming out with a new product surface. Apple products are harder to maintain. If surface comes out and is easier to connect with the enterprise, we will be getting rid of pcs. Forcing a bigger amount of change in the mobile computing in the tablet realm.

Ann Beheler: This is also an important thing in the networking arena; because the whole focus is on bring your own device “BYOD”.

Bill Cullifer: It’s clear to me as I have been interviewing about this, having analytics is in demand. There is this growing demand of people who have the technical skills but those who have the business skills who are able to explain what this is doing to the business. ON the mobile app side things are moving rapidly, I see a solid trend for tools that make our lives easier.

Ann Beheler: Are you saying train the business people to do BI?

Bill Cullifer: That’s a good question; there is a growing trend in business that people need to know what that data means and that the business people need to understand. It’s the need to articulate what the business proposition of what the data means. Putting data from Google analytics out there that could make them money.

Caren Shiozaki: I wanted to follow up in Bills comments, you have all heard the terms big data, the trend I see as a CIO, big data is causing business to think what is the relationship between business and IT. I am also seeing that analytic functions are starting to move away from IT functions and are getting embedded into your business functions. In looking at the skills metric it seems to be missing enterprise architecture.

Labor market demands

Ann Beheler: What do you see for job opportunities for certificates and two years degrees?

Barbara Errickson- Some of what I have been seeing working with non profit- they have an impact on other organizations. It’s all around collaboration between organizations. It’s to look at how you utilize social media to enhance your business. I would agree with the statement earlier that mobile app is taking over the landscape. I would hope to agree with the articulate

commitment. It's how you mask what is going to be communicated to other departments. It's all about the mapping and management of proliferation of services. It's the conceptualization of collaborative service together. Open source offering is big. Drupal.org should start understanding the business perspective before the IT.

Dane Boyington: Tie this back to BI in terms of job opportunities that the IT people get these skills in house. IT organizations themselves should make sure they have the skills themselves. So that businesses can't just put these packages to gather and throw them at IT.

KSAs

Ann Beheler: In our original group meeting in May we did not have anyone who hired on the mobile app side so we held another sub group in July.

Mobile Apps

Ann Beheler: We ranked the group with the same number, so the whole area is 3.6 comments then if you have questions.

Barbara Errickson: When it comes to mobile app, the big push is the open source mobile elements. The really neat thing is performance at the application service level. Components are huge, the ability to have one application and command device diagnostics.

Ann Beheler: Bill, you might want to comment on the class we held here, he helped us get an instructor this summer to teach JQuery, created once and distributed on many platforms.

Bill Cullifer: I think there is some confusion on mobile apps, it comes down to the end of the day what the customers are doing. 80% of those who work in IT work for small businesses. We continue to advocate for the lowest denominator. We focus on those who have a few skills and give them other skills they needed to get them going quickly. Take the largest amount of people in the smallest amount of time and certify them with jobs. Look deeply at preparing people with skills to use tools available and make sure they understand the difference between mobile app and mobile web.

Ann Beheler: In July it was expressed, for JQuery, IOS and Android. It is to my understanding that we will be offering a couple of courses in each of those so that students can function in all of those platforms.

Paula Velluto: That is what we are hearing in Boston from people who are involved in Mobile Monday. These days there is enough difference for students to have knowledge and experience in all 3 so they can work on the different platforms.

Matt Glover: My advice to curriculum developers is to not hitch your wagon to a certain device when it comes to mobile. We are in our infancy stage for mobile app; we want to push our creators to push the edge. I would encourage students going in to learn about mobile computing

to not hitch their wagon. I need someone to come in and have an objective view and be able to solve for both.

Bill Cullifer: How about the tools that make our lives much easier, like phone gap?

Matt Glover: Oh yes, I would say a hybrid, here are the basic let me emphasis that you will not be married to IOS over Android.

Bill Cullifer: Does that make sense?

Ann Beheler: No, here is what my experience says to get a certificate or 2 year graduate, employers are interested in applied skills so that students can hit the ground running. If we have someone coming back then being general would be ok. But we have to allow them enough skills to make a 2 year graduate employable. I agree in principal.

Matt Glover: They need to have a basic knowledge of the married applications that allow them to do what they need to across multiple platforms and then do IOS and Android so they know how to do all of them.

Barbara Errickson: What is a conceptual good structure that you're going to code? Once you understand the concept then they are similar. Then you know how to write code in detail for the different platforms.

Dane Boyington B: If you have employers in the area, the really successful programs are the ones who have been tailored for the local demand. Customize certificates to what employers want employees to have in order to hit the ground running.

Business Intelligence

Gilbert Moreno: All the discussions can be enriched for BI and take it back to Bills comments. The whole side of IT understanding the business side is really coming to afore front.

Caren Shiozaki: Need to reflect enterprise architecture, business, and data, underlined no matter what you do if you have an understanding of enterprise when creating a portfolio so that all can understand and the business can move forward.

Mark Leech: Agree

Barbara Errickson: Agree, it is difficult to do if data has been miss managed. If you have data that is arranged in the architecture then it is easier to move over.

Matt Glover: I don't disagree with the concept, I think with someone getting a certificate it will be too much for someone to understand the concept. Why I am asking the question is I am trying to put myself as say a nurse and I don't like my job and want to go into IT and get some certifications and then go back to the hospital. So I am trying to figure out how business

architecture is going to help me with mobile or drive out BI. Some places don't even have a team. I would just be cautious of the merit.

Bill Cullifer: Would you hire the nurse that had a BA in nursing that came back in the IT field?

Matt Glover: Yes I would I have hired, people with business backgrounds.

Bill Cullifer: Looking at the large problem of getting a large number of people back into the workforce. Most small businesses are not going to be able to afford that team.

Mark Leech: I agree with Matt. People think of the city of Albuquerque as one place, but where are much more than that. What we see now is people coming in from the local technical schools. Do you need to teach business architecture in depth? NO, but I would touch on it.

Caren Shiozaki: Coming from a large business, then it makes sense.

Ann Beheler: We defiantly want these students to understand that they need to understand how what they are doing falls into the big scheme of things.

Database

Ann Beheler: We understand more about it so we have more items to look at. The team ranked it at 3.9.

Judith Morel: SQL is the name of the game in WA,

Paula Velluto: Oracle in Boston

Ann Beheler: Are arguably in the same base, we may only be able to teach one based on the location.

Ann Beheler: Online can come with a nationwide or statewide. Yes we are offering this online and depending on state laws will determine how wide.

Barbara Errickson: Real within Google no SQL, that's for big data.

Mark Leech: We are aware of it but have not been affected.

Barbara Errickson: Is anyone else interest in a BI tool, you can drag and drop your data in to?

Matt Glover: I am very familiar with Drupal we are actually using it as a tool for our company.

General Programming skills

Matt Glover: Do we have data schema and cubes?

Caren Shiozaki: They are more involved in the database piece.

Matt Glover: If they do not know what a data schema is or cubes then they will have a hard time getting employed.

Ann Beheler: We will add this to the database.

Barbara Errickson: They need to know the taxonomy mapping.

Matt Glover: When you brought up taxonomy is noted in there already. There are 3 taxonomies that you need to blend.

Bill Cullifer: Drupal is actually in high demand.

Matt Glover: Put it in an open source standards in your notes.

SharePoint

Ann Beheler: SharePoint administrator jobs for two year grads. How do you feel?

Matt Glover: Agree, and is pushing someone to hire a college graduate to do this.

Mark Leech: Agree we just hired someone to do that.

Barbara Errickson: Agree.

Business Intelligence for SQL

Ann Beheler: We took this from the Microsoft SQL exam: if you're doing SQL then it was enough?

Ann Beheler: In terms of curriculum in comparison to what you gave us we are lining our curriculum with it and modifying or creating curriculum. We are also making sure that those across the consortium have the courses in these areas that they want or need.

Ann Beheler: At Collin College anyone that gets into a certificate program then the general assessments are not required. In a degree program then certain assessment levels are set. We are trying really hard to bridge courses to help students get in quickly.

Matt Glover: I have a quick question there was a mention of oracle or SQL, are we training both.

Paula Velluto: When we put our database program in we had major database players some were SQL server shops, and some others along with oracle. The recommendation that came out was that if you train them on oracle then it is easier to move to the other. If you train them in the others then move them to oracle they struggle.

Ann Beheler: Matt that varies by college.

Matt Glover: I agree with the value of that statement and frame work.

Mobile App- DB-BI

Ann Beheler: Next steps we will be coming to you with what we did with our certifications, have a next call probably not as long on December. We will send out the recording of this meeting before the notes are sent out.