**NIST Big Data Working Group (NBD-WD)**

**NBD-WD-2013/M0076**

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| **Source:** | Technology Roadmap Subgroup |
| **Title:** | Technology Roadmap Subgroup Meeting Minutes for July 26, 2013 |
| **Date:** | July 26, 2013 |
| **Author(s):** | Carl Buffington (Vistronix), Dan McClary (Oracle), David Boyd (Data Tactic) |

***Agenda for July 26, 2013***

**I.    Review of Action Items from Last Week, Status updates from leads.  Review draft documents.**

1)  Develop the initial "This Tech Roadmap will..." (Audience, document goals/vision) - Carl (Jul 28)

2)  Develop a matrix of Big Data categories to focus on, that features will go under - Bruno (M0052) (Jul 26)

<http://bigdatawg.nist.gov/_uploadfiles/M0052_v1_3889465949.xlsx>

**\* Follow-ups**: Develop a prioritization standard, prioritization (top 10), socialize with other subgroups, develop sub-categories, list features/capabilities per sub-category, align with the maturity model

3)  Maturity model evaluation and selection - Dan (M0058) (Jul 26)

<http://bigdatawg.nist.gov/_uploadfiles/M0058_v1_3066031053.docx>

**\* Follow-ups**: Revise further, apply to Matrix Features/Capabilities, Example apps into maturity model, add larger scenarios / example scenarios

4)  Identify relevant standards that should be considered for Big Data Categories / Features - Keith (M0035) (Jul 26)

<http://bigdatawg.nist.gov/_uploadfiles/M0035_v1_8798723092.docx>

**\* Follow-ups**: re-title action “Standards groups that should look at Big Data categories - output requirements for standards organizations.

5)  Identification of Big Data roadmap skill mix - Dan Email

6)  Socialization strategy for Big Data in organizations - Keith Email

**II.   Subgroup Integrations**

**III.  New Action Items for this week**

1. Develop the Initial Tech Roadmap Outline (Aug 2)
2. Develop a timeline for the Tech Roadmap Deliverable (Aug 2)
3. Develop an initial graphical vision of the Tech Roadmap (Aug 9)
4. Subgroup Integration: Develop Requirements for Gap Analysis, feed to Requirements team for validation and further iteration (Aug 9)
5. Develop a master “Concerns, Assumptions, Value Statement” file to vet with other subgroups (Aug 9)

**IV. Backlog**

1. Integration of Big Data Features / As they relate to Standards
2. Defacto standards and gaps between open source and standards organizations
3. Tech Writer / Graphics resources
4. Start Gap Analysis

**Chat Window Notes**

(8:55 AM) Sri joined.

(8:56 AM) Jay Greenberg (Boeing) joined.

(8:58 AM) David Boyd(Data Tactics) joined.

(9:00 AM) Keith Hare, JCC Consulting joined.

(9:01 AM) Tim Zimmerlin (Automation Technologies) joined.

(9:01 AM) Cherry Tom IEEE-SA joined.

(9:02 AM) tbeyene joined.

(9:04 AM) Bob Marcus disconnected.

(9:05 AM) \_DAN\_MCCLARY\_(ORACLE) joined.

(9:05 AM) Bruno Kelpsas (MSFT vendor) joined.

(9:05 AM) Sri disconnected.

(9:06 AM) Sri (IBM) joined.

(9:11 AM) Gary Mazzaferro joined.

(9:12 AM) Bob Marcus joined.

(9:12 AM) Bob Marcus disconnected.

(9:14 AM) David Boyd(Data Tactics): Carl,  One suggestion as I review this is that we may want to make the list more a hierarchy.  Eg. We have architecture as one but two sub components of architecture further down.

(9:15 AM) David Boyd(Data Tactics): So storage and processing architectures would be sub-topics under Architecture

(9:15 AM) PavithraKenjige joined.

(9:16 AM) \_DAN\_MCCLARY\_(ORACLE): I think that's a good idea -- we'd end up with a pair of matrices

(9:16 AM) \_DAN\_MCCLARY\_(ORACLE): one that's high-level and another expanded one

(9:16 AM) Gary Mazzaferro: I habe a top level list of stakeholder

(9:17 AM) PavithraKenjige disconnected.

(9:18 AM) PavithraKenjige joined.

(9:20 AM) PavithraKenjige84 joined.

(9:20 AM) PavithraKenjige disconnected.

(9:33 AM) David Boyd(Data Tactics): Carl,  folks just on the webex can not unmute.

(9:35 AM) David Boyd(Data Tactics): Fixed thanks.

(9:35 AM) Bob Marcus joined.

(9:35 AM) Wo Chang (Host, NIST): Carol: can I make a comment?  Sorry for being late.

(9:35 AM) Wo Chang (Host, NIST): sorry I meant Carl not Carol.

(9:36 AM) guest: Sure, let me interupt and call om u

(9:36 AM) Yuri Demchenko (UvA) joined.

(9:36 AM) David Boyd(Data Tactics): Carl, after Wo I have a quick comment.

(9:36 AM) Sri (IBM): I heard a reference to maturity model? Is there a specific one in mind?

(9:37 AM) \_DAN\_MCCLARY\_(ORACLE): @Sri -- yes, it's next on the agenda and its been uploaded as well.

(9:37 AM) Sri (IBM): thanks

(9:38 AM) Sri (IBM): this is my first call here...where are the documents being uploaded?

(9:39 AM) \_DAN\_MCCLARY\_(ORACLE): http://bigdatawg.nist.gov/show\_InputDoc2.php

(9:39 AM) Sri (IBM): tx again :)

(9:40 AM) Gary Mazzaferro: http://bigdatawg.nist.gov/\_uploadfiles/M0047\_v3\_4370730694.pdf

(9:40 AM) David Boyd(Data Tactics): unable to unmute again

(9:41 AM) David Boyd(Data Tactics): on the webex

(9:45 AM) PavithraKenjige84 disconnected.

(9:46 AM) PavithraKenjige joined.

(9:48 AM) David Boyd(Data Tactics): On the technical maturity we can look at where folks like Google, Twitter, Facebook, etc. have been and are moving.

(9:49 AM) David Boyd(Data Tactics): Hadoop is a good example, that is just now becoming fully mature across industries but it is two generations back with respect to google.

(9:50 AM) Gary Mazzaferro: Governance is a cross cutting capability

(9:52 AM) Sri (IBM): Organizational maturity is pretty good

(9:53 AM) Wo Chang (Host, NIST): Very much agree with Sri; we need to engage with the stakeholders/organizations for adoption.

(9:53 AM) Sri (IBM): could you scroll back up a bit again

(9:53 AM) David Boyd(Data Tactics): Dan a quick question.   Can  you characterize for me how an oganization which has a long history of big data but is struggling with the scaling (e.g. their rdbms won't scale).

(9:54 AM) Gary Mazzaferro: Agreed I like the org maturity... needs obsolescence

(9:54 AM) David Boyd(Data Tactics): Dan, right on.  Thanks.

(9:55 AM) David Boyd(Data Tactics): Perfect,  we need to capture these thoughts in an intro on how to apply the roadmap

(9:56 AM) Gary Mazzaferro: Dan,, capture that fact and scenarion

(9:57 AM) Gary Mazzaferro: That should move to use case

(9:58 AM) Gary Mazzaferro: We are talking about a best proactice

(9:58 AM) Keith Hare, JCC Consulting: I'm on the web conference

(9:58 AM) \_DAN\_MCCLARY\_(ORACLE): All, apologies -- I need to drop for another meeting.

(9:59 AM) Keith Hare, JCC Consulting: I'm, available if you unmute me.

(9:59 AM) \_DAN\_MCCLARY\_(ORACLE) disconnected.

(9:59 AM) PavithraKenjige disconnected.

(10:00 AM) PavithraKenjige joined.

(10:01 AM) Sri (IBM): open technologies might ba good phrase...

(10:01 AM) PavithraKenjige99 joined.

(10:01 AM) PavithraKenjige99 disconnected.

(10:02 AM) Gary Mazzaferro: Big Data ecosystem requirements

(10:04 AM) PavithraKenjige disconnected.

(10:04 AM) PavithraKenjige joined.

(10:07 AM) Wo Chang (Host, NIST): Thanks Keith for putting the M0035 document together!  This is an important area since ultimately we want to identify potential collaborators and possible standard organizations to participate and work on this Big Data standards.  Thanks Keith!

(10:09 AM) PavithraKenjige disconnected.

(10:14 AM) PavithraKenjige joined.

(10:17 AM) Tim Zimmerlin (Automation Technologies): Gary, share those things!

(10:20 AM) Jay Greenberg (Boeing) disconnected.

(10:21 AM) Sri (IBM): is there a mailing list I should be on?

(10:23 AM) Carl Buffington disconnected.

(10:24 AM) PavithraKenjige disconnected.

(10:24 AM) Carl Buffington joined.

(10:24 AM) guest: bigdataroadmap@nist.gov

(10:25 AM) Alicia Zuniga-Alvarado/AZA joined.

(10:26 AM) PavithraKenjige joined.

(10:26 AM) Wo Chang (Host, NIST): Sri: you should sign-up with this URL: http://bigdatawg.nist.gov/newuser.php

(10:26 AM) Sri (IBM): thanks

(10:26 AM) tbeyene disconnected.

(10:27 AM) PavithraKenjige disconnected.

(10:27 AM) Alicia Zuniga-Alvarado/AZA: thank you

(10:27 AM) Cherry Tom IEEE-SA disconnected.

(10:27 AM) Alicia Zuniga-Alvarado/AZA disconnected.

(10:27 AM) Tim Zimmerlin (Automation Technologies) disconnected.

(10:27 AM) David Boyd(Data Tactics) disconnected.

(10:27 AM) Carl Buffington disconnected.

(10:27 AM) tbeyene joined.