

EPIC v. NASA

Documents Disclosed on April 27, 2004

Document No. 16

From: Thomas H. Hinke <Thomas.H.Hinke@nasa.gov>
Date: Wed Sep 24, 2003 6:07:16 PM US/Pacific
To: Mark Schwabacher <mark.a.schwabacher@nasa.gov>
Subject: Re: CDs

I will see you tomorrow.

tom

On Wednesday, September 24, 2003, at 05:26 PM, Mark Schwabacher wrote:

I'm about to leave. I'll call you tomorrow. (I haven't shipped the CDs yet.) Thanks,

-- Mark

Thomas H. Hinke wrote:

John found eight CDs in his office. I would like to include those with the group that you are sending. I currently have them, so if you can call me when you are in your office, I will bring them over.

Thanks

tom

Thomas H. Hinke, M.B.A., Ph.D.
Senior Scientist
NASA Advanced Supercomputing (NAS) Division
NASA Ames Research Center
Mail Stop 258-5
Moffett Field, CA 94035-1000
Phone: (650) 604-3662
FAX: (650) 604-4377

--

Dr. Mark Schwabacher
NASA ARC, Code IC
650-604-4274
<http://ic.arc.nasa.gov/~schwabac/>

Thomas H. Hinke, M.B.A., Ph.D.
Senior Scientist

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EPIC v. NASA

Documents Disclosed on April 27, 2004

Document No. 17

From ???@??? Mon Nov 12 21:20:03 2001
Return-Path: <tedwards@mail.arc.nasa.gov>
Received: from [198.123.22.170] (buddy-2-12.arc.nasa.gov [198.123.22.170])
by mail.arc.nasa.gov (8.9.3/8.9.3) with ESMTP id TAA16144;
Mon, 12 Nov 2001 19:37:25 -0800 (PST)
Mime-Version: 1.0
X-Sender: tedwards@mail.arc.nasa.gov (Unverified)
Message-Id: <a05010400b81632c53d67@[143.232.128.187]>
Date: Mon, 12 Nov 2001 19:40:10 -0800
To: wvandalsem@mail.arc.nasa.gov, htran@mail.arc.nasa.gov,
thinke@mail.arc.nasa.gov
From: "Thomas A. Edwards" <tedwards@mail.arc.nasa.gov>
Subject: Fwd: Re: Data?
Content-Type: text/html; charset="us-ascii"
X-UIDL: 95ec670579d37c070c402cc2e187ad94

```
<x-html>
<!doctype html public "-//W3C//DTD W3 HTML//EN">
<html><head><style type="text/css"><!--
blockquote, dl, ul, ol, li { margin-top: 0 ; margin-bottom: 0 }
--></style><title>Fwd: Re: Data?</title></head><body>
<blockquote type="cite" cite>Date: Fri, 9 Nov 2001 16:34:58 -0800<br>
To: tedwards@mail.arc.nasa.gov<br>
From: Bob Rosen <rrosen@mail.arc.nasa.gov><br>
Subject: Fwd: Re: Data?<br>
<blockquote type="cite" cite>From: Lakelotus@aol.com<br>
Date: Fri, 9 Nov 2001 13:34:46 EST<br>
Subject: Re: Data?<br>
To: rrosen@mail.arc.nasa.gov<br>
</blockquote>
<blockquote type="cite" cite><font size="-1">Bob, We missed you at
ATCA but I really don't think that you missed anything. Much of the
same stuff.<br>
The person you want to talk to is John Klinkenberg, V.P. audit and
security at Northwest. He is also chair of the FAA security advisory
committee. John has been the industry leader in security for many
years. His phone number is 612-726-2491.He also lead the effort to
develope the 1st profiling effort.<br>
Paul Abramson now with ASIT has also been recently involved, I will
ask him to give you a call. By the way, I am a member of John's
security group , we are having a meeting next Fri. the 16th in DC.
Hope this helps. John Kern</font></blockquote>
</blockquote>
<div><br></div>
</body>
</html>
```

EPIC v. NASA

Documents Disclosed on April 27, 2004

Document No. 18

</x-flowed>
From ???@??? Thu Dec 13 17:06:27 2001
Return-Path: <jmelton@mail.arc.nasa.gov>
Received: from meltons-p6 (meltons-p6.nas.nasa.gov [129.99.49.61])
by mail.arc.nasa.gov (8.9.3/8.9.3) with SMTP id RAA07561;
Thu, 13 Dec 2001 17:03:32 -0800 (PST)
From: "John E. Melton" <jmelton@mail.arc.nasa.gov>
To: "Thomas H. Hinke" <thinke@mail.arc.nasa.gov>,
"Mark Schwabacher" <mark.schwabacher@arc.nasa.gov>,
<pmjones@mail.arc.nasa.gov>
Subject: ~~NWA Data on its way (almost~~
Date: Thu, 13 Dec 2001 17:03:39 -0800
Message-ID: <000801c1843b\$2a46e270\$3d316381@meltons-p6.nas.nasa.gov>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
X-Priority: 3 (Normal)
X-MSMail-Priority: Normal
X-Mailer: Microsoft Outlook 8.5, Build 4.71.2377.0
Importance: Normal
In-Reply-To: <000a01c18419\$11b83be0\$a5a07bc6@mercury>
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3110.3
X-UIDL: 706339aa1eaafa359e1fb3fcc8445efe

Just received a message from Todd Murr explaining that he was waiting on some formatting information from Worldspan, and that he would then FedEx the CD as soon as possible.

JM

*
* John E. Melton, Ph.D.
*
* Aerospace Directorate (A)
* <http://aerospace.arc.nasa.gov/>
*
* Aeronautical Projects & Programs Office (AP)
*
* Systems Analysis Branch (APS)
*
* M/S 258-1
* NASA Ames Research Center
* Moffett Field, CA 94035-1000
*
* Phone: (650) 604-1461
* E-mail: jmelton@mail.arc.nasa.gov
*

EPIC v. NASA

Documents Disclosed on April 27, 2004

Document No. 19

From ???@??? Fri Dec 14 09:18:12 2001
Return-Path: <jay.dombrowski@nwa.com>
Received: from mymr1.arc.nasa.gov (IDENT:mirapoint@mymr1.arc.nasa.gov
[128.102.31.4])
by mail.arc.nasa.gov (8.9.3/8.9.3) with ESMTTP id JAA17478
for <thinke@mail.arc.nasa.gov>; Fri, 14 Dec 2001 09:15:27 -0800 (PST)
Received: from jlxsfw02.nwa.com (jlxsfw01.nwa.com [139.72.190.28])
by mymr1.arc.nasa.gov (Mirapoint)
with ESMTTP id ACU63694;
Fri, 14 Dec 2001 09:15:26 -0800 (PST)
Received: by jlxsfw02.nwa.com; id LAA10858; Fri, 14 Dec 2001 11:19:33 -0600
(CST)
Received: from unknown(139.72.109.120) by jlxsfw02.nwa.com via smap (V5.5)
id xma010521; Fri, 14 Dec 01 11:19:24 -0600
Received: by jlxsas88.mn.nwa.com; id LAA26333; Fri, 14 Dec 2001 11:15:11 -0600
(CST)
Received: from jlxrms01.nwa.com(139.72.109.167) by jlxsas88.mn.nwa.com via smap
(V4.0)
id xma024550; Fri, 14 Dec 01 11:13:51 -0600
Received: from MSPA30436 (MSPA30436.mn.nwa.com [139.72.72.93])
by jlxrms01.nwa.com (AIX4.3/8.9.3/8.9.3/NWA/990401/MAILHUB) with SMTP id
LAA129816
for <thinke@mail.arc.nasa.gov>; Fri, 14 Dec 2001 11:13:51 -0600
Message-ID: <006f01c184c1\$fb29cde0\$5d48488b@MSPA30436.nwa.com>
Reply-To: "Jay Dombrowski" <jay.dombrowski@nwa.com>
From: "Jay Dombrowski" <jay.dombrowski@nwa.com>
To: "Thomas H. Hinke" <thinke@mail.arc.nasa.gov>
Subject: Request for Northwest data
Date: Fri, 14 Dec 2001 11:08:41 -0600
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
X-Priority: 3
X-MSMail-Priority: Normal
X-Mailer: Microsoft Outlook Express 4.72.3612.1700
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3612.1700
X-UIDL: d4c4a26cfb16121504e92569056c05d8

hi
good to here from you again

send to me
Ill be glad to help

From: Thomas H. Hinke <thinke@mail.arc.nasa.gov>
To: Jay Dombrowski <jay.dombrowski@nwa.com>
Date: Friday, December 14, 2001 11:09 AM
Subject: Request for Northwest data

>Jay,
>

>To whom should the official NASA request for Northwest data be sent -- to
>you or someone else. If it should be sent to someone else, I would

>appreciate the name, mailing address, phone and fax number of this person.
>We would like to fax out the request today followed by a letter.

>
>Thanks.

>
>tom

>-----
>Thomas H. Hinke, Ph.D
>Senior Scientist
>NASA Advanced Supercomputing (NAS) Division
>NASA Ames Research Center
>Mail Stop 258-5
>Moffett Field, CA 94035-1000
>Phone: (650) 604-3662
>FAX: (650) 604-4377
>Web: www.nas.nasa.gov/~thinke

>
>

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Documents Disclosed on April 27, 2004

Document No. 20

From ???@??? Tue Dec 18 22:00:31 2001
Return-Path: <pmjones@mail.arc.nasa.gov>
Received: from [143.232.72.134] (n262mac95.arc.nasa.gov [143.232.72.134])
by mail.arc.nasa.gov (8.9.3/8.9.3) with ESMTMP id PAA01074;
Mon, 17 Dec 2001 15:39:48 -0800 (PST)
Mime-Version: 1.0
Message-Id: <v04210117b84432716bd4@[143.232.72.134]>
X-Priority: 2 (High)
Date: Mon, 17 Dec 2001 15:39:48 -0800
To: thinke@mail.arc.nasa.gov, "John Melton" <jmelton@mail.arc.nasa.gov>,
"Mark Schwabacher" <mark.schwabacher@arc.nasa.gov>
From: "Patricia M. Jones" <pmjones@mail.arc.nasa.gov>
Subject: ~~Re: Data asap~~
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
X-UIDL: b7efc663549f062ff43443020efc18e8

<x-flowed>

Urgh. Tom is pursuing NWA's PNR data but
not Lexis-Nexis. I will call Dennis again
and also try John Values.

cheers
patty

>X-Priority: 2 (High)
>Date: Mon, 17 Dec 2001 15:05:17 -0800
>To: "Thomas A. Edwards" <tedwards@mail.arc.nasa.gov>
>From: "Patricia M. Jones" <pmjones@mail.arc.nasa.gov>
>Subject: Re: Data asap??
>Cc: pmjones@mail.arc.nasa.gov

>
>Hey Tom,
>Yes, 1/22 is for the security workshop,
>and wasn't 2/27 the end-date for the "90 day demo" for Harry?
>Maybe that has changed, which would be good.
>
>I'm happy to deal with L-N myself unless you want to.

B)(s)

>cheers
>patty

>
>
>ps don't see an attachment for your letter to Jay

>
>
>>Patty,
>>
>>A couple things. First, what is the occasion for the demonstration
>>on 2/27? I presume 1/22 is for the security workshop.
>>

>>Second, I was thinking of a different letter when we talked about
>>this earlier. I am sending a letter to Jay Dombrowski, NWA,
>>requesting their PNR data, but have not prepared a letter for
>>Lexis-Nexis - do you need me to do that?

>>
>>I'm copying you on the letter to Dombrowski for your records.
>>
>>Tom
>>
>>>Hi Dennis,
>>>I just left you a voice mail message. As you may know,
>>>I am the Deputy Lead (under Tom Hinke) for the
>>>Information Technology part of the Ames
>>>Aviation Security initiative. On behalf of our team,
>>>I wanted to talk with you about the fastest and
>>>most effective method that we can work together
>>>in the short term. In particular, we at Ames are planning
>>>two demonstrations (January 22 and February 27) and
>>>need to be able to show some information analysis
>>>and data mining capabilities which would be rather
>>>difficult to do in the absence of real data! So I would
>>>like to explore some very short-term options with you,
>>>while also recognizing our joint intention to create a more
>>>long-term relationship.
>>>
>>>I will also be in the meeting with you on Wednesday,
>>>and also know that Tom Edwards is sending a formal letter about
>>>this matter, but it would be great to get some informal insights
>>>and information to support our technical leads on this task.
>>>
>>>Please do call or email me at your earliest convenience.
>>>If somebody else is a more appropriate point of contact,
>>>please don't hesitate to pass along this message to them.
>>>
>>>cheers
>>>patty

>
>
>*****
>Patricia M. Jones, Ph.D.
>Deputy Division Chief, Human Factors Research and Technology
>NASA Ames Research Center
>Mail Stop 262-11
>Moffett Field CA 94035
>
>VOICE: 650-604-1345 FAX: 650-604-3323
>email: PMjones@mail.arc.nasa.gov
>
>Human Factors Division: <http://human-factors.arc.nasa.gov/>
>Human and Organizational Risk Management Workshop:
><http://human-factors.arc.nasa.gov/april01-workshop/>
>*****

Patricia M. Jones, Ph.D.
Deputy Division Chief, Human Factors Research and Technology
NASA Ames Research Center
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440

VOICE: 650-604-1345 FAX: 650-604-3323
email: PMjones@mail.arc.nasa.gov

Human Factors Division: <http://human-factors.arc.nasa.gov/>
Human and Organizational Risk Management Workshop:
<http://human-factors.arc.nasa.gov/april01-workshop/>

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Documents Disclosed on April 27, 2004

Document No. 21

From ???@??? Thu Dec 20 13:00:55 2001
Return-Path: <jmelton@mail.arc.nasa.gov>
Received: from meltons-p6 (meltons-p6.nas.nasa.gov [129.99.49.61])
by mail.arc.nasa.gov (8.9.3/8.9.3) with SMTP id MAA19009;
Thu, 20 Dec 2001 12:54:27 -0800 (PST)
From: "John E. Melton" <jmelton@mail.arc.nasa.gov>
To: "Patricia M. Jones" <pmjones@mail.arc.nasa.gov>
Cc: "Thomas H. Hinke" <thinke@mail.arc.nasa.gov>,
"Mark Schwabacher" <mark.schwabacher@arc.nasa.gov>
Subject: ~~Never mind~~...
Date: Thu, 20 Dec 2001 12:54:32 -0800
Message-ID: <01d301c18998\$86254bb0\$3d316381@meltons-p6.nas.nasa.gov>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
X-Priority: 3 (Normal)
X-MSMail-Priority: Normal
X-Mailer: Microsoft Outlook 8.5, Build 4.71.2377.0
Importance: Normal
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3110.3
X-UIDL: 92ed34ea53e2a3b9f6688b8781000a34

Patty,

I found my NWA phone numbers, and confirmed with Murr's secretary that the data was FedExed yesterday. Hopefully, I'll get it today (but I don't know if mail is being held for detox...).

JM

*
* John E. Melton, Ph.D.
*
* Aerospace Directorate (A)
* <http://aerospace.arc.nasa.gov/>
*
* Aeronautical Projects & Programs Office (AP)
*
* Systems Analysis Branch (APS)
*
* M/S 258-1
* NASA Ames Research Center
* Moffett Field, CA 94035-1000
*
* Phone: (650) 604-1461
* E-mail: jmelton@mail.arc.nasa.gov
*
*

EPIC v. NASA

Documents Disclosed on April 27, 2004

Document No. 22

From ???@??? Thu Dec 20 21:54:43 2001
Return-Path: <jmelton@mail.arc.nasa.gov>
Received: from meltons-p6 (meltons-p6.nas.nasa.gov [129.99.49.61])
by mail.arc.nasa.gov (8.9.3/8.9.3) with SMTP id SAA03886;
Thu, 20 Dec 2001 18:56:49 -0800 (PST)
From: "John E. Melton" <jmelton@mail.arc.nasa.gov>
To: "Marc Baum" <marcb@voquette.com>
Cc: "Patricia M. Jones" <pmjones@mail.arc.nasa.gov>,
"Thomas H. Hinke" <thinke@mail.arc.nasa.gov>,
"Mark Schwabacher" <mark.schwabacher@arc.nasa.gov>
Subject: We have NWA data
Date: Thu, 20 Dec 2001 18:56:53 -0800
Message-ID: <000801c189cb\$253d1110\$3d316381@meltons-p6.nas.nasa.gov>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
X-Priority: 3 (Normal)
X-MSMail-Priority: Normal
X-Mailer: Microsoft Outlook 8.5, Build 4.71.2377.0
Importance: Normal
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3110.3
X-UIDL: 09f1b153fa840556490c64ab30c63f86

We recieved 2 CDs (Nov 01 data). Trang Duong (duong@nas.nasa.gov) is the keeper of the CDs for now. She can make copies of the CDs if you want to look at them, but I have asked her to keep the originals under her control. The CDs did NOT come with a formatting document, but some of the files look pretty straightforward. I'll ping Todd Murr again to give us some additional help with the formats. Trang will have the CDs until next Thursday, at which time I will be the keeper of the master copies.

JM

*
* John E. Melton, Ph.D.
*
* Aerospace Directorate (A)
* <http://aerospace.arc.nasa.gov/>
*
* Aeronautical Projects & Programs Office (AP)
*
* Systems Analysis Branch (APS)
*
* M/S 258-1
* NASA Ames Research Center
* Moffett Field, CA 94035-1000
*
* Phone: (650) 604-1461
* E-mail: jmelton@mail.arc.nasa.gov
*
*

EPIC v. NASA

Documents Disclosed on April 27, 2004

Document No. 23

B)(G) From ???@??? Thu Dec 27 07:37:45 2001

Return-Path: [REDACTED]

Received: from mymr2.arc.nasa.gov (IDENT:mirapoint@mymr2.arc.nasa.gov [128.102.31.5])

by mail.arc.nasa.gov (8.9.3/8.9.3) with ESMTP id TAA22985

for <thinke@mail.arc.nasa.gov>; Fri, 21 Dec 2001 19:55:26 -0800 (PST)

Received: from web11005.mail.yahoo.com (web11005.mail.yahoo.com [216.136.131.55])

by mymr2.arc.nasa.gov (Mirapoint)

with SMTP id ACJ16697;

Fri, 21 Dec 2001 19:55:26 -0800 (PST)

Message-ID: <20011222035520.36747.qmail@web11005.mail.yahoo.com>

Received: from [198.123.22.76] by web11005.mail.yahoo.com via HTTP; Fri, 21 Dec 2001 19:55:20 PST

Date: Fri, 21 Dec 2001 19:55:20 -0800 (PST)

From: John Melton [REDACTED]

B)(G) Reply-To: [REDACTED]

B)(G) Subject: Re: ~~NASA data~~

To: "Thomas H. Hinke" <thinke@mail.arc.nasa.gov>

Cc: mark.schwabacher@arc.nasa.gov, duong@nas.nasa.gov

In-Reply-To: <4.3.2.7.2.20011221162003.01ac0318@mail.arc.nasa.gov>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

X-UIDL: 2d6474cb49658c04deb0c14ed1b9c434

Tom,

Todd Murr has already promised to send formatting docs as soon as he can. I'll pester him unmercifully until he does! From what I saw of the data yesterday, it should be pretty straightforward. Passenger names, airport identifiers, dates, and times were very evident on each line. One interesting twist is that many of the records were fixed length fields, so passenger names (from what I saw) were often truncated... I'll send a message to Todd tonight and also leave a voice mail requesting immediate assistance.

JM

--- "Thomas H. Hinke" <thinke@mail.arc.nasa.gov>

wrote:

> John,

>

> Rather than people spending a lot of time trying to
> decode the CDs, is
> there someone that could be contacted at Northwest to
> get a description of
> the data. I would be happy to email Jay, but I did
> not want to do that
> until I knew whether you had already emailed him

>

> tom

>

>
> At 03:57 PM 12/21/2001, you wrote:

> > Trang,

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(B)(5)

> > JM

> >--- "Trang K. Duong" <duong@nas.nasa.gov> wrote:

> > > Hi John,

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436

> >Send your FREE holiday greetings online!
> ><http://greetings.yahoo.com>
>
> -----
> Thomas H. Hinke, Ph.D
> Senior Scientist
> NASA Advanced Supercomputing (NAS) Division
> NASA Ames Research Center
> Mail Stop 258-5
> Moffett Field, CA 94035-1000
> Phone: (650) 604-3662
> FAX: (650) 604-4377
> Web: www.nas.nasa.gov/~thinke
>

Do You Yahoo!?
Send your FREE holiday greetings online!
<http://greetings.yahoo.com>

000438

EPIC v. NASA

Documents Disclosed on April 27, 2004

Document No. 24

(B)(6)
From: ???@??? Thu Dec 27 07:37:45 2001

Return-Path: [REDACTED]

Received: from mymr2.arc.nasa.gov (IDENT:mirapoint@mymr2.arc.nasa.gov [128.102.31.5])

by mail.arc.nasa.gov (8.9.3/8.9.3) with ESMTP id UAA10954

for <thinke@mail.arc.nasa.gov>; Fri, 21 Dec 2001 20:13:58 -0800 (PST)

Received: from web11006.mail.yahoo.com (web11006.mail.yahoo.com [216.136.131.56])

by mymr2.arc.nasa.gov (Mirapoint)

with SMTP id ACJ16881;

Fri, 21 Dec 2001 20:13:57 -0800 (PST)

Message-ID: <20011222041357.24342.qmail@web11006.mail.yahoo.com>

Received: from [198.123.22.76] by web11006.mail.yahoo.com via HTTP; Fri, 21 Dec 2001 20:13:57 PST

Date: Fri, 21 Dec 2001 20:13:57 -0800 (PST)

From: John Melton [REDACTED]

Reply-To: [REDACTED]

Subject: [REDACTED]

To: todd.murr@nasa.com

Cc: thinke@mail.arc.nasa.gov, duong@nas.nasa.gov, sgo@mail.arc.nasa.gov, mark.schwabacher@mail.arc.nasa.gov, marc@voquette.com

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

X-UIDL: 9bae32fc46007a5c3c56daa4d86a4a43

Todd,

(B)(6)
(B)(6)
Thanks so much for the disks. We really appreciate your help with this. We quickly looked at the disks, and it appeared that most of the data should be fairly easy to extract (we hope), but we also realized that we are going to need some specific questions answered about the formatting. Is there any chance you could either send us some electronic documentation or schedule a time next week (perhaps on Thursday or Friday) for a quick telecon? We would be happy to accomodate your schedule in whatever way we can.

Thanks again, and Happy Holidays!

John Melton

Do You Yahoo!?

Send your FREE holiday greetings online!

<http://greetings.yahoo.com>

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EPIC v. NASA

Documents Disclosed on April 27, 2004

Document No. 25

From ???@??? Thu Dec 27 07:37:45 2001
Return-Path: <mark.schwabacher@arc.nasa.gov>
Received: from mymr1.arc.nasa.gov (IDENT:mirapoint@mymr1.arc.nasa.gov [128.102.31.4])
by mail.arc.nasa.gov (8.9.3/8.9.3) with ESMTMP id JAA15350;
Sat, 22 Dec 2001 09:03:48 -0800 (PST)
Received: from mta7.pltn13.pbi.net (mta7.pltn13.pbi.net [64.164.98.8])
by mymr1.arc.nasa.gov (Mirapoint)
with ESMTMP id ACW21642;
Sat, 22 Dec 2001 09:03:47 -0800 (PST)
Received: from schwabacher ([63.201.35.47])
by mta7.pltn13.pbi.net (iPlanet Messaging Server 5.1 (built May 7 2001))
with SMTP id <OGOR00GC18QA6Q@mta7.pltn13.pbi.net>; Sat,
22 Dec 2001 09:03:47 -0800 (PST)
Date: Sat, 22 Dec 2001 09:01:33 -0800
From: Mark Schwabacher <mark.schwabacher@arc.nasa.gov>
Subject: [REDACTED]
To: [REDACTED], "Thomas H. Hinke" <thinke@mail.arc.nasa.gov>
Cc: duong@nas.nasa.gov, yxwang@mail.arc.nasa.gov
Message-id: <000b01c18b0a\$4f2f0560\$65c0c0c0@schwabacher>
MIME-version: 1.0
X-MIMEOLE: Produced By Microsoft MimeOLE V5.50.4807.1700
X-Mailer: Microsoft Outlook Express 5.50.4807.1700
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT
X-Priority: 3
X-MSMail-priority: Normal
References: <20011222035520.36747.qmail@web11005.mail.yahoo.com>
X-UIDL: 4dd86a64a930a5d30d748d302e6b7312

I looked at the data too. There's one set of files that are ASCII files with fixed-length fields; these contain the data that John mentions below (plus 2-letter airline code [e.g. NW] and flight number). But there's another set of files that are binary. I didn't see any of the passengers' personal information (besides name), such as phone number, address, credit card, frequent flyer number, etc. This info may be hidden in the binary files.

-- Mark

----- Original Message -----

From: "John Melton" [REDACTED]
To: "Thomas H. Hinke" <thinke@mail.arc.nasa.gov>
Cc: <mark.schwabacher@arc.nasa.gov>; <duong@nas.nasa.gov>
Sent: Friday, December 21, 2001 7:55 PM
Subject: Re: NWA data

> Tom,
>
> Todd Murr has already promised to send formatting
> docs as soon as he can. I'll pester him unmercifully
> until he does! From what I saw of the data yesterday,
> it should be pretty straightforward. Passenger names,
> airport identifiers, dates, and times were very
> evident on each line. One interesting twist is that
> many of the records were fixed length fields, so
> passenger names (from what I saw) were often

442

> truncated... I'll send a message to Todd tonight and
> also leave a voice mail requesting immediate
> assistance.

> JM

> --- "Thomas H. Hinke" <thinke@mail.arc.nasa.gov>
> wrote:

> > John,

> > Rather than people spending a lot of time trying to
> > decode the CDs, is
> > there someone that could be contacted at Northwest to
> > get a description of
> > the data. I would be happy to email Jay, but I did
> > not want to do that
> > until I knew whether you had already emailed him

> > tom

> > At 03:57 PM 12/21/2001, you wrote:

> > > Trang,

(B)(5) [REDACTED]

> > > JM

> > > --- "Trang K. Duong" <duong@nas.nasa.gov> wrote:

> > > > Hi John,

> > > > I gave Mark Schwabacher a copy of MWA data. His
> > > > group (IC) will give us a hand

> > > on populating the data into database. >
> > > Trang
> > >
> > >
> > > ----- Begin Forwarded Message
> > -----
> > >
> > > From: "Mark Schwabacher"
> > > <mark.schwabacher@arc.nasa.gov>
> > > To: "Trang K. Duong" <duong>, "Yao Wang"
> > > <yxwang@mail.arc.nasa.gov>
> > > Cc: "John E. Melton"
> > <jmelton@mail.arc.nasa.gov>,
> > > "Thomas H. Hinke"
> > > <thinke@mail.arc.nasa.gov>
> > > Subject: NWA data
> > > Date: Fri, 21 Dec 2001 15:12:38 -0800
> > > MIME-Version: 1.0
> > > Content-Transfer-Encoding: 7bit
> > > X-Priority: 3 (Normal)
> > > X-MSMail-Priority: Normal
> > > Importance: Normal
> > > X-MimeOLE: Produced By Microsoft MimeOLE
> > > V6.00.2600.0000
> > >
> > > Trang and Yao,
> > >
> > > I've given the NWA data to Yao Wang in Code IC.
> > Yao
> > > will be working on
> > > trying to figure out the format of the data and
> > pull
> > > it into a
> > > relational database over the next two weeks
> > while
> > > I'm on vacation. Trang
> > > has already started to look at the format of the
> > > data. Trang and Yao,
> > > please work together on this while I'm away.
> > I'll be
> > > back on Jan 7. If
> > > anyone receives additional documentation from
> > NWA
> > > regarding the format
> > > of the data, please provide it to Trang and Yao.
> > > Thanks, and have a
> > > great holiday!
> > >
> > > Mark
> > >
> > > --
> > > Dr. Mark Schwabacher
> > > NASA ARC, Code IC
> > > 650-604-4274
> > > <http://ic.arc.nasa.gov/~schwabac/>
> > >
> > > ----- End Forwarded Message

> > -----
> > > >
> > > >
> > > >
> > > > Trang K Duong
> > > > duong@nas.nasa.gov
> > > >
> > > >
> > > > 650-604-3989 (P) 650-604-2238 (F)
> > > > ELORET - Thermosciences Institute
> > > > NASA Ames Research Center
> > > > M/S 258-1
> > > > Moffett Field, CA 94035-1000
> > > > http://www.eloret.com/
> > > >
> > > >
> > > >
> > > >
> > > >

> > >Do You Yahoo!?
> > >Send your FREE holiday greetings online!
> > ><http://greetings.yahoo.com>
> > >

> > -----
> > Thomas H. Hinke, Ph.D
> > Senior Scientist
> > NASA Advanced Supercomputing (NAS) Division
> > NASA Ames Research Center
> > Mail Stop 258-5
> > Moffett Field, CA 94035-1000
> > Phone: (650) 604-3662
> > FAX: (650) 604-4377
> > Web: www.nas.nasa.gov/~thinke
> > >
> > >
> > >

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> >

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Documents Disclosed on April 27, 2004

Document No. 26

Attachment Converted: "c:\program files\qualcomm\eudora\attach\Lab layout1.doc"
From ???@??? Fri Dec 28 09:59:28 2001
Return-Path: <jemelton@yahoo.com>
Received: from mymr1.arc.nasa.gov (IDENT:mirapoint@mymr1.arc.nasa.gov
[128.102.31.4])
by mail.arc.nasa.gov (8.9.3/8.9.3) with ESMTP id JAA04331
for <thinke@mail.arc.nasa.gov>; Fri, 28 Dec 2001 09:47:08 -0800 (PST)
Received: from web11003.mail.yahoo.com (web11003.mail.yahoo.com
[216.136.131.53])
by mymr1.arc.nasa.gov (Mirapoint)
with SMTP id ACW76185;
Fri, 28 Dec 2001 09:47:08 -0800 (PST)
Message-ID: <20011228174707.40435.qmail@web11003.mail.yahoo.com>
Received: from [198.123.22.75] by web11003.mail.yahoo.com via HTTP; Fri, 28 Dec
2001 09:47:07 PST
Date: Fri, 28 Dec 2001 09:47:07 -0800 (PST)
From: John Melton <[REDACTED]>
Reply-To: [REDACTED]
Subject: Re: NWA data
To: Yao Wang <yxwang@mail.arc.nasa.gov>, "Trang K. Duong" <duong@nas.nasa.gov>,
thinke@mail.arc.nasa.gov, mark.schwabacher@arc.nasa.gov,
xjiang@mail.arc.nasa.gov, pgage@mail.arc.nasa.gov,
sgo@mail.arc.nasa.gov
Cc: Yao Wang <yxwang@mail.arc.nasa.gov>
In-Reply-To: <000901c18fc5\$011a88d0\$3f42e88f@yxwang>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
X-UIDL: 2117ald904468b3c127618c46cd9f8f2

Yao,

I have several phone messages and e-mails in to the Northwest guys, asking for their assistance in reading the binary files. Hopefully we'll get their assistance as soon as people come back from the holidays.

John Melton

--- Yao Wang <yxwang@mail.arc.nasa.gov> wrote:
> Hi all,
> I looked at the data, there is an initial script
> file (VPH001.INI).
> Based on the file, I imported NWVP11500/11510/11520
> (see CONTENTS.TXT) to
> three tables in a Database (Microsoft SQL Server). A
> Web page to view the
> data in the tables is available from inside ARC
> firewall and using Microsoft
> IE. The URL is
> http://yxwang.arc.nasa.gov/apitasDemo/
> There are few problems : truncated passenger
> names and the meaning of
> status... [REDACTED]

[REDACTED]

(B)(5)

> [REDACTED]

> Thanks,
>
> Dr. Yao Wang
> NASA ARC, Code IC
> M/S 269-4
> Moffett Field, CA 94035-1000
> Phone: (650) 604-4867 FAX: (650) 604-4036
>

> ----- Original Message -----
> From: "Trang K. Duong" <duong@nas.nasa.gov>
> To: <jemelton@yahoo.com>;
> <thinke@mail.arc.nasa.gov>;
> <mark.schwabacher@arc.nasa.gov>
> Cc: <yxwang@mail.arc.nasa.gov>;
> <sgo@mail.arc.nasa.gov>;
> <xjiang@mail.arc.nasa.gov>;
> <pgage@mail.arc.nasa.gov>
> Sent: Thursday, December 27, 2001 5:11 PM
> Subject: Re: NWA data
>

> > Hi all,
> >
> > The objective here is that we attempt to mimic the
> NWA and WorldSpan
> travel
> > agency databases.
> >
> > Xun Jiang will take an initiative to create
> database schema for NWA
> database
> > based on our best current understanding on the
> ASCII files from the NWA
> CD's.
> >
> > Xun will start writing scripts to create databases
> etc.; as we get more
> > understanding about the NWA data formats, we will
> modify the database
> schema and
> > populate the databases.
> >
> > We are still not sure which database in the IPG's
> network that we can use?
> > Please let us know if you have the information;
> otherwise, I'll find out
> and get
> > the connection to the DB when I come back (Jan 02,
> 2002).
> >
> > I'll be out of town (12/28 - 01/01), if you have
> any question, please
> contact

> > John or Xun (4-3817).
> >
> > Thank you all,
> >
> > Trang K Duong
> > duong@nas.nasa.gov
> >
> >
> > 650-604-3989 (P) 650-604-2238 (F)
> > ELORET - Thermosciences Institute
> > NASA Ames Research Center
> > M/S 258-1
> > Moffett Field, CA 94035-1000
> > <http://www.eloret.com/>
> >
> >
> >
>

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Document No. 27

From ???@??? Tue Jan 15 09:53:58 2002
Return-Path: <jmelton@mail.arc.nasa.gov>
Received: from meltons-p6 (meltons-p6.nas.nasa.gov [129.99.49.61])
by mail.arc.nasa.gov (8.9.3/8.9.3) with SMTP id TAA26459;
Mon, 14 Jan 2002 19:06:41 -0800 (PST)
From: "John E. Melton" <jmelton@mail.arc.nasa.gov>
To: "Mark Schwabacher" <mark.schwabacher@arc.nasa.gov>,
"Thomas H. Hinke" <thinke@mail.arc.nasa.gov>
Subject: ~~PW: Gritbot and Lexis/Nexis data~~
Date: Mon, 14 Jan 2002 19:06:36 -0800
Message-ID: <011501c19d71\$a554d4f0\$3d316381@meltons-p6.nas.nasa.gov>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
X-Priority: 3 (Normal)
X-MSMail-Priority: Normal
X-Mailer: Microsoft Outlook 8.5, Build 4.71.2377.0
Importance: Normal
X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3110.3
X-UIDL: f4c132546abade82af30dcb8be1184a6

Mark,

What's your schedule tomorrow? Generating the specific CSV file that you want is something that will take some work, and I really can't afford to redirect my team at this late date (4 days left this week, but whose counting?) from their current GUI/database/Voquette/biometrics integration efforts for the demo. To my knowledge, there has been no planning or even discussion on how data mining is to be presented in the demo.

B)(s)

[REDACTED]

Honestly, I seriously doubt we can provide all this data to you before Friday, especially given the impending arrival of the biometric sensors and the integration efforts required for them later this week, not to mention the Rosen pre-demo, poster information, supporting PowerPoint slides, demo script generation, and other million things yet for all to do.

B)(s)

[REDACTED]

Hopefully Yao can assist with these data preparation efforts - but this is something we can talk about tomorrow.

I'm in meetings from 9:00 to 10:30 and again from 1 to 2:30.

May I suggest 11:00?

JM

-----Original Message-----

From: Mark Schwabacher [mailto:mark.schwabacher@arc.nasa.gov]
Sent: Monday, January 14, 2002 5:06 PM
To: 'Thomas H. Hinke'; 'John Melton'
Subject: RE: Gritbot and Lexis/Nexis data

Tom and John,

Currently I'm running Gritbot on the NWA data. I'll let you know if it finds anything interesting. Unfortunately, Gritbot was unable to handle the full one-day NWA dataset (which has about 500,000 passengers), so I'm now running it on 10% of the data (50,000 passengers). It's been running since this morning; if it doesn't finish by tomorrow morning, I'll kill it and restart it on a still-smaller data set. I've learned from this experience that to handle the data volume we have, we'll need to use more efficient algorithms and/or bigger computers. (I'm currently running Gritbot on my Windows 2000 laptop with 256 MB of DRAM and a 700 MHz Pentium III. The 10-day free trial only allows me to run it on this one machine.)

I'm eager to try Gritbot on the combined NWA/LN/lobbyist database that we talked about creating last week. (This database will be created by taking a subset of the NWA dataset, replacing each passenger name with the name of a lobbyist, and then filling in additional information about each lobbyist from LN.) Please let me know as soon as this database is ready. I will need a CSV (comma separated value) file containing the database. (Last week Yao created a CSV file of the NWA data for me.)

By the way, that's great news that the Voquette software is now talking to LN!

-- Mark

> -----Original Message-----

> From: Thomas H. Hinke [mailto:thinke@mail.arc.nasa.gov]
> Sent: Monday, January 14, 2002 4:43 PM
> To: mark Schwabacher; John Melton
> Subject: Gritbot and Lexis/Nexis data

>
>

> Mark and John,

>

> Now that Voquette talks to Lexis/Nexis and we have some
> passenger-type data
> (with the lobbyists), can we apply Gridbot to this data and
> look for some
> anomalies? This would require that we run all of the
> passengers through
> Voquette in order to extract appropriate data from
> Lexis/Nexis. This rich
> data could then be the target for GridBot. Since we have not
> buried any
> anomalies in this data, it would be interesting to see if anything of

> interest showed up. While it presumably would not necessarily
> indicate a
> potential terrorist, it might show some of the capabilities
> of anomaly-type
> mining and thus point the way toward what could be applicable to
> terrorists. It would be great if there could be some results
> by the time
> that Bob Rosen looks at our demo on Friday (Huy is working
> the scheduling
> issue).

>
> tom

> -----
> Thomas H. Hinke, Ph.D
> Senior Scientist
> NASA Advanced Supercomputing (NAS) Division
> NASA Ames Research Center
> Mail Stop 258-5
> Moffett Field, CA 94035-1000
> Phone: (650) 604-3662
> FAX: (650) 604-4377
> Web: www.nas.nasa.gov/~thinke

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Document No. 28

EPIC v. NASA

Documents Disclosed on April 27, 2004

Document No. 29

From ???@??? Tue Jan 22 10:22:50 2002
Return-Path: <rrosen@mail.arc.nasa.gov>
Received: from [143.232.217.95] (brosen.arc.nasa.gov [143.232.217.95])
by mail.arc.nasa.gov (8.9.3/8.9.3) with ESMTTP id KAA24170;
Tue, 22 Jan 2002 10:20:16 -0800 (PST)
Mime-Version: 1.0
Message-Id: <p04310100b8735b619d3c@[143.232.217.95]>
In-Reply-To: <000a01c1a2ae\$3bd1d0e0\$0200a8c0@mercury>
References: <000a01c1a2ae\$3bd1d0e0\$0200a8c0@mercury>
Date: Tue, 22 Jan 2002 10:20:08 -0800
To: Mark Schwabacher <schwabac@email.arc.nasa.gov>
From: Bob Rosen <rrosen@mail.arc.nasa.gov>
Subject: Re: NWA data
Cc: Huy Tran <htran@mail.arc.nasa.gov>,
"Thomas H. Hinke" <thinke@mail.arc.nasa.gov>
Content-Type: text/plain; charset="us-ascii" ; format="flowed"
X-UIDL: 2206e10f2fcfffc310cc4d8359fa53d2

<x-flowed>

That is good news.

I spoke with Klinkenberg yesterday and he apologized profusely about his people not getting back to us. He asked me for the specifics of what we needed and who wasn't returning phone calls, not to bite their head off but to move it along. So if you know of items of communication breakdown, let me know. We agreed that after the workshop, we'd be in touch to discuss what we learned and to set up a meeting for them to come here. Bob

At 11:02 AM -0800 1/21/02, Mark Schwabacher wrote:

>Bob,

>

>I have good news: Todd Murr of Northwest Airlines gave me permission to
>present at the workshop data mining results from the passenger data he
>sent me. So we will be presenting at the workshop the same results that
>we showed you on Friday.

>

>Mark

>

>--

>Dr. Mark Schwabacher

>NASA ARC, Code IC

>650-604-4274

><http://ic.arc.nasa.gov/~schwabac/>

</x-flowed>

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Documents Disclosed on April 27, 2004

Document No. 30

From ???@??? Thu Jan 31 14:09:54 2002
Return-Path: <schwabac@email.arc.nasa.gov>
Received: from mymrl.arc.nasa.gov (IDENT:mirapoint@mymrl.arc.nasa.gov
[128.102.31.4])
by mail.arc.nasa.gov (8.9.3/8.9.3) with ESMTTP id OAA12784
for <thinke@mail.arc.nasa.gov>; Thu, 31 Jan 2002 14:00:20 -0800 (PST)
Received: from email.arc.nasa.gov (email.arc.nasa.gov [143.232.64.51])
by mymrl.arc.nasa.gov (Mirapoint)
with ESMTTP id AAL24211;
Thu, 31 Jan 2002 14:00:19 -0800 (PST)
Received: from mercury (mercury.arc.nasa.gov [143.232.65.47])
by email.arc.nasa.gov (-- Info omitted by ASANI Solutions, LLC.) with
ESMTTP id OAA09589;
Thu, 31 Jan 2002 14:00:06 -0800 (PST)
From: "Mark Schwabacher" <schwabac@email.arc.nasa.gov>
To: "Diane Martell" <diane.martell@nwa.com>
Cc: "Thomas H. Hinke" <thinke@mail.arc.nasa.gov>
Subject: FW: NWA PNR data
Date: Thu, 31 Jan 2002 13:58:41 -0800
Message-ID: <001e01c1aaa2\$72478c40\$2f41e88f@mercury>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit
X-Priority: 3 (Normal)
X-MSMail-Priority: Normal
X-Mailer: Microsoft Outlook, Build 10.0.3416
X-MIMEOLE: Produced By Microsoft MimeOLE V6.00.2600.0000
Importance: Normal
X-UIDL: 3f8dala027fe3c9150def72db9458e5d

Hi Diane,

Thank you for agreeing to look into getting us the information we need to make use of the NWA passenger data. NWA has already given us CD's containing one day's worth of PNR data. Some of the data on the CD's (passenger name and flight information) is in ASCII files that we have been able to use. But some of the data is in binary "DAF" files that we have been unable to read. We would like you to provide us with either a document describing the format of the DAF files, or software that can read the DAF files.

Thanks,

Mark

--
Dr. Mark Schwabacher
NASA ARC, Code IC
650-604-4274
<http://ic.arc.nasa.gov/~schwabac/>