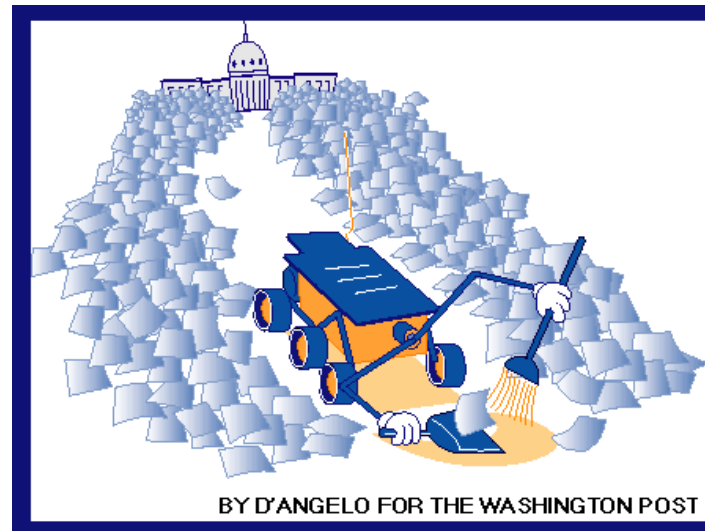


NASA Data Center Consolidation Management Using Process Libraries and Electronic Handbooks

(Where Shakespeare Meets Freud)



Demonstration



Dr. Barry E. Jacobs
barry.e.jacobs@comcast.net

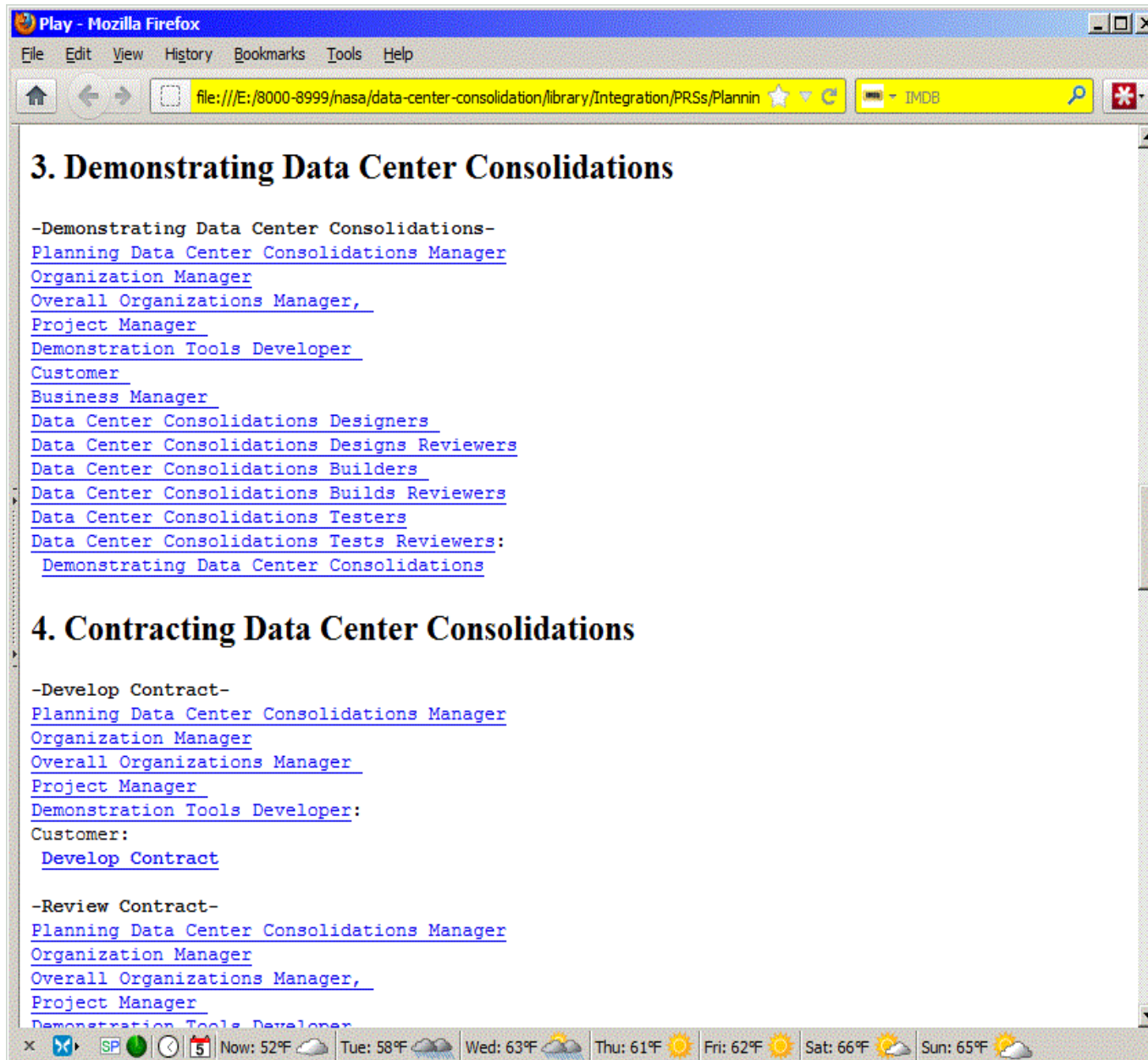
The Bottom Line:

We believe that to truly understand one's universe, one must see it thru multiple “eyes” and also have tools to “communicate” these views.

**To do this, we propose editable and cost-saving process documentation “plays”
for process developers and participants
to help them quickly and effectively learn, integrate, test,
teach, and work together.**

These “plays” may be added to new or existing systems.

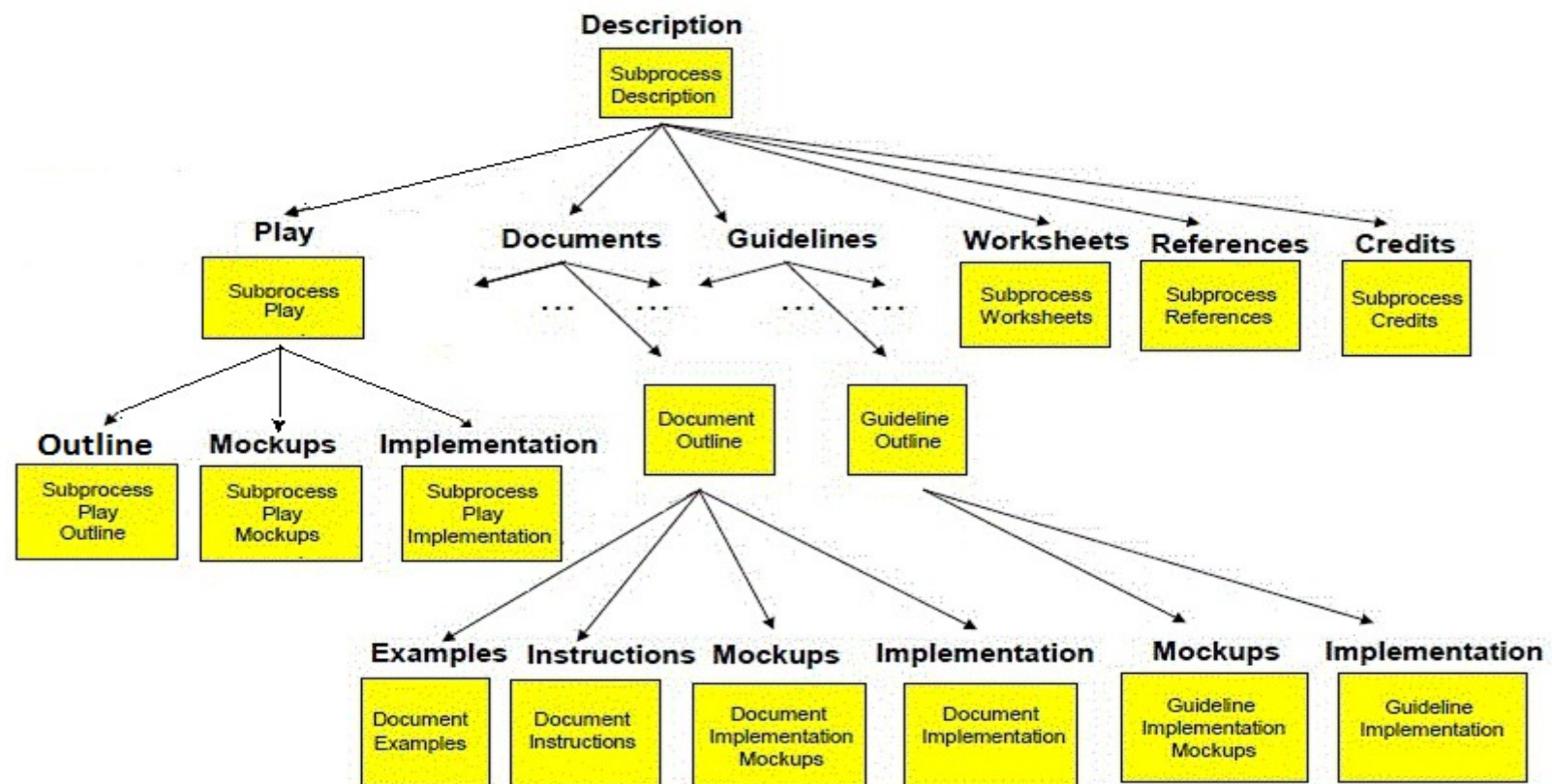
Plays describe subprocess execution.



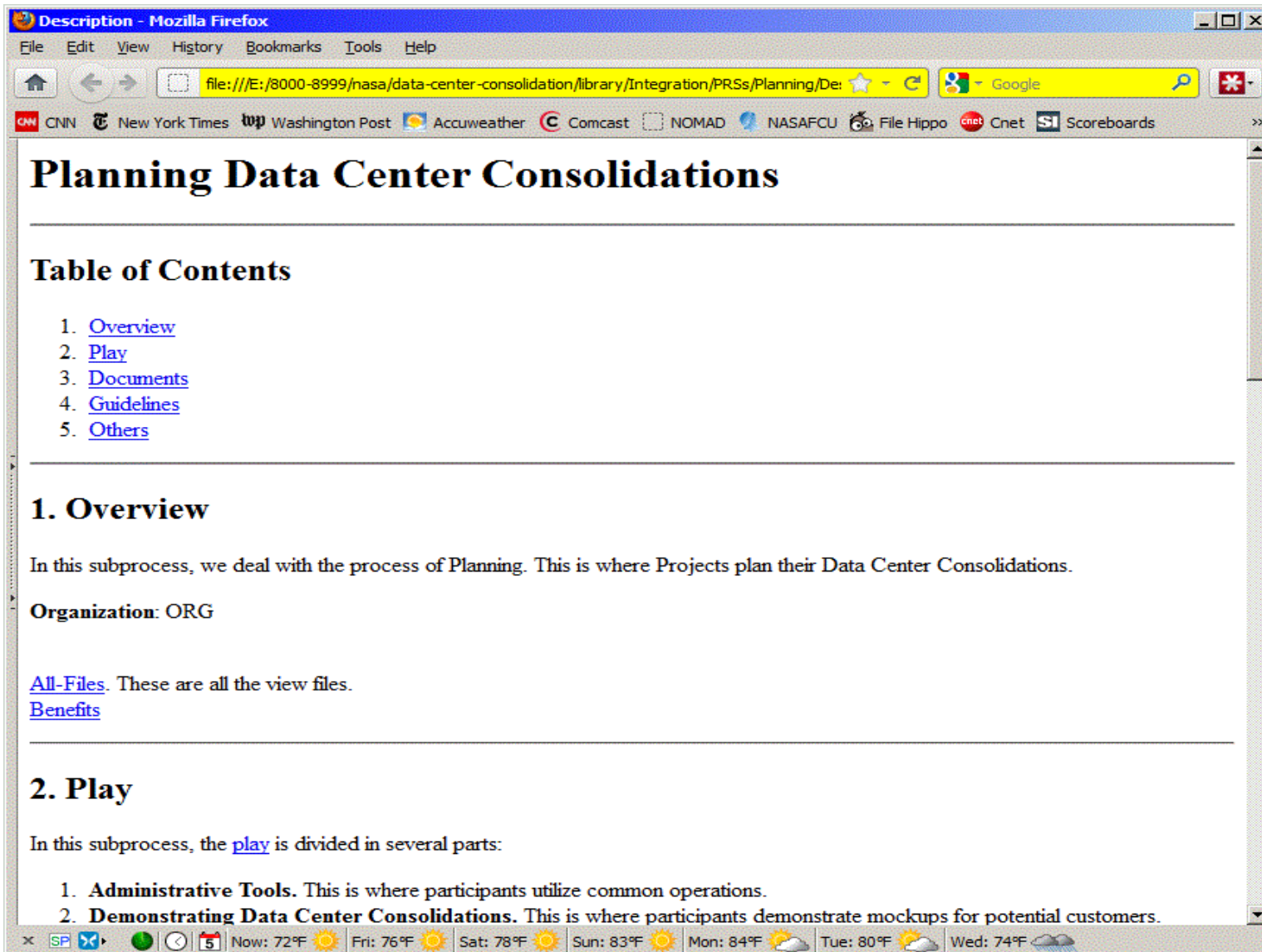
Benefits:

- Facilitates the collection of system and organizational requirements,**
 - Does not anger/upset people whose opinions are heard,**
- and**
- Increases the interaction between managers, process developers, and participants.**

Our basic approach is to wrap organization's subprocesses in a common envelope containing "communication vehicles" that facilitate intra- and inter-organization communication.



Descriptions summarize subprocesses.



The screenshot shows a Mozilla Firefox browser window. The title bar reads 'Description - Mozilla Firefox'. The address bar contains the file path: `file:///E:/8000-8999/nasa/data-center-consolidation/library/Integration/PRSS/Planning/De`. The browser's toolbar includes a home button, navigation arrows, a search bar with the Google logo, and a star icon for bookmarks. Below the toolbar is a row of quick launch icons for various websites and services, including CNN, New York Times, Washington Post, Accuweather, Comcast, NOMAD, NASAFCU, File Hippo, Cnet, and Scoreboards.

Planning Data Center Consolidations

Table of Contents

1. [Overview](#)
2. [Play](#)
3. [Documents](#)
4. [Guidelines](#)
5. [Others](#)

1. Overview

In this subprocess, we deal with the process of Planning. This is where Projects plan their Data Center Consolidations.

Organization: ORG

[All-Files](#). These are all the view files.
[Benefits](#)

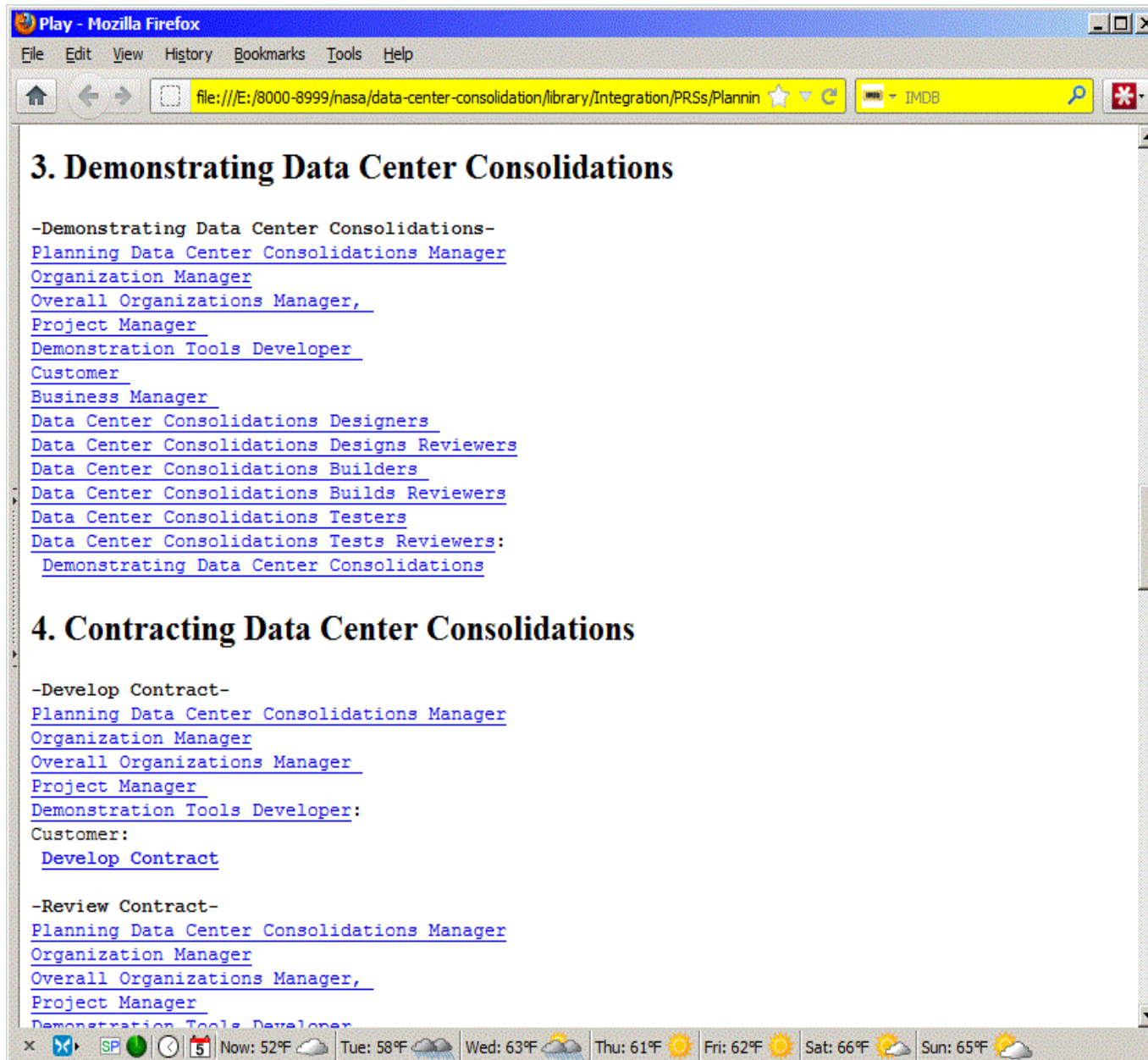
2. Play

In this subprocess, the [play](#) is divided in several parts:

1. **Administrative Tools.** This is where participants utilize common operations.
2. **Demonstrating Data Center Consolidations.** This is where participants demonstrate mockups for potential customers.

The bottom of the browser window shows a Windows taskbar with system icons and a weather forecast for the week: Now: 72°F, Fri: 76°F, Sat: 78°F, Sun: 83°F, Mon: 84°F, Tue: 80°F, Wed: 74°F.

Plays describe subprocess execution.



Documents describe subprocess data.

The screenshot shows a Mozilla Firefox browser window. The title bar reads "Description - Mozilla Firefox". The address bar shows a file path: "file:///E:/8000-8999/nasa/data-center-consolidation/library/Integration/PRSS/Planning/De...". The browser's menu bar includes File, Edit, View, History, Bookmarks, Tools, and Help. Below the menu bar is a toolbar with navigation buttons and a search bar. A row of website icons is visible, including CNN, New York Times, Washington Post, Accuweather, Comcast, NOMAD, NASAFCU, File Hippo, Cnet, and Scoreboards. The main content area displays a list of steps for Data Center Consolidations:

4. **Planning Data Center Consolidations.** This is where participants design Data Center Consolidations .
5. **Implementing Data Center Consolidations.** This is where participants implement Data Center Consolidations .
6. **Testing Data Center Consolidations.** This is where participants test Data Center Consolidations .
7. **Analysis.** This is where reports are generated.

3. Documents

In this subprocess, we have the following document types:

- [Demonstration Tools](#). These are used to represent the Demonstration Tools.
- [Data Center Consolidations Contract](#). These are used to represent the Data Center Consolidations Contract.
- [Process Library](#). These are used to represent the Process Library.
- [Implementation Plans](#). These are used to represent the Implementation Plans.
- [Data Center Consolidations Designs](#). These are used to represent the Data Center Consolidations Designs.
- [Data Center Consolidations Designs Reviews](#). These are used to represent the Data Center Consolidations Designs Review.
- [Data Center Consolidations Builds](#). These are used to represent the Data Center Consolidations Builds.
- [Data Center Consolidations Builds Reviews](#). These are used to represent the Data Center Consolidations Builds Reviews.
- [Data Center Consolidations Tests](#). These are used to represent the Data Center Consolidations Tests.
- [Data Center Consolidations Tests Reviews](#). These are used to represent the Data Center Consolidations Tests Reviews.

4. Guidelines

In this subprocess, we have the following roles:

- [Planning Data Center Consolidations Manager](#). This is the person managing the Planning Data Center Consolidations subprocess.
- [Project Manager](#). This is the person managing the Project.
- [Demonstration Tools Developer](#). This is the person managing the Demonstration Tools Development.
- [Customer](#). This is the customer for the Data Center Consolidations

The bottom of the browser window shows a taskbar with system icons and a weather forecast for the week: Now: 72°F, Fri: 76°F, Sat: 78°F, Sun: 83°F, Mon: 84°F, Tue: 80°F, Wed: 74°F.

Guidelines describe user subprocesses.

Description - Mozilla Firefox

File Edit View History Bookmarks Tools Help

file:///E:/8000-8999/nasa/data-center-consolidation/library/Integration/PRSS/Planning/De: Google

CNN New York Times Washington Post Accuweather Comcast NOMAD NASAFCU File Hippo Cnet Scoreboards

[Data Center Consolidations Tests](#). These are used to represent the Data Center Consolidations Tests.
[Data Center Consolidations Tests Reviews](#). These are used to represent the Data Center Consolidations Tests Reviews.

4. Guidelines

In this subprocess, we have the following roles:

- [Planning Data Center Consolidations Manager](#). This is the person managing the Planning Data Center Consolidations subprocess.
- [Project Manager](#). This is the person managing the Project.
- [Demonstration Tools Developer](#). This is the person managing the Demonstration Tools Development.
- [Customer](#). This is the customer for the Data Center Consolidations.
- [Business Manager](#). This is the person managing the procurements for the .Development Facility
- [Data Center Consolidations Designers](#). This is the person managing the Data Center Consolidations designs..
- [Data Center Consolidations Designs Reviewers](#). This is the person reviewing the Data Center Consolidations designs..
- [Data Center Consolidations Builders](#). This is the person building the Data Center Consolidations..
- [Data Center Consolidations Builds Reviewers](#). This is the person reviewing the Data Center Consolidations.
- [Data Center Consolidations Testers](#). This is the person testing the Data Center Consolidations..
- [Data Center Consolidations Tests Reviewers](#). This is the person reviewing the testing of the Data Center Consolidations..
- [Organization Manager](#). This is the person managing the Organization.
- [Overall Organizations Manager](#). This is the person managing the overall Organizations.

5. Others

In this subprocess, we have the following other tools:

- [Worksheet](#). This is the guidelines for the manager/director.
- [Credits](#). These are the people partaking in this organization's production.
- [References](#). These are other references.

Now: 72°F Fri: 76°F Sat: 78°F Sun: 83°F Mon: 84°F Tue: 80°F Wed: 74°F

Subprocess Worksheets facilitate subprocess manager communication with process developers and participants.

Worksheet - Mozilla Firefox

File Edit View History Bookmarks Tools Help

file:///E:/8000-8999/nasa/data-center-consolidation/summary/Mock-ups/Worksheet.htm

CNN New York Times Washington Post Accuweather Comcast NOMAD NASAFCU File Hippo Cnet Scoreboards TV Guide MapQuest

Subprocess Worksheet

Subprocess: Planning Data Center Consolidations

Purpose: The purpose of this subprocess is to Plan Data Center Consolidations.

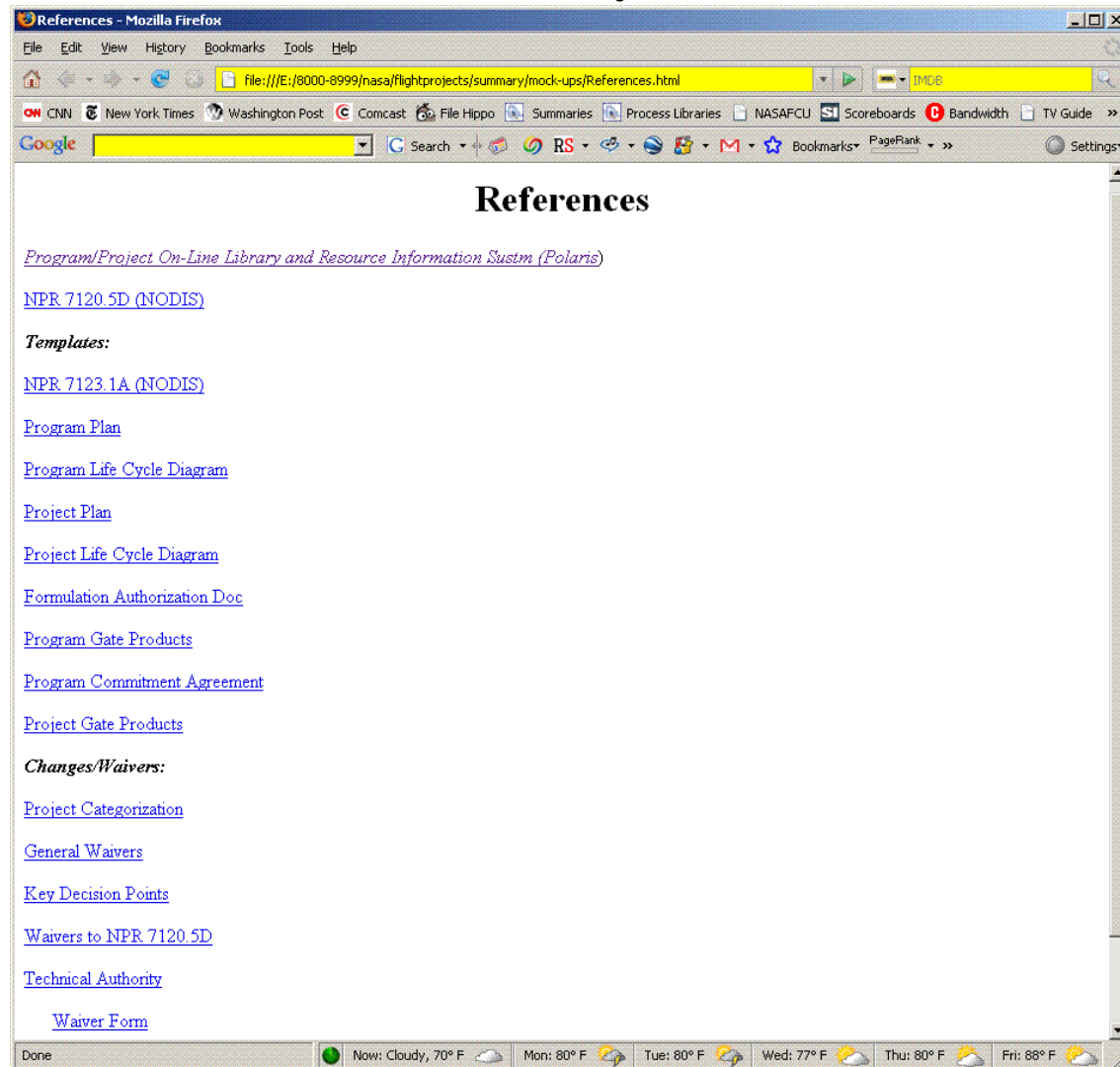
Organization: GSFC

Related Links :
[Other Views;](#)
[Integrated View;](#)
[Integrations;](#)
[Other Subprocesses;](#)
[Process Library;](#)
[\(Update Library\);](#)

| Task | Purpose | Suggested Roles | Task Lead(s) | Estimated Completion Date | Actual Completion Date | Documents | | | | | |
|--------------------|---|--|--------------|---------------------------|------------------------|-------------------------------------|--|------------------|---------------------------|------------------------|---------------------------------|
| | | | | | | Document | Instructions and Samples | Document Lead(s) | Estimated Completion Date | Actual Completion Date | Document Location(s) |
| Administration | The purpose of this task is to administer the design of Datasets. | Task Lead, Subtask Lead, Subtask Member, Reviewer, Approval Official, Project Manager, Documents Manager | James Green | 07/23/07 | 08/23/07 | Document Library | Samples | James Green | 06/23/07 | 07/23/07 | Library: NS2034 |
| Planning | The purpose of this task is to plan the design of Datasets. | Task Lead, Subtask Lead, Subtask Member, Reviewer, Approval Official, Project Manager, Documents Manager | James Green | 06/23/07 | 06/23/07 | Planning Document | Instructions and Samples | James Green | 06/23/07 | 07/23/07 | Library: NS2034 |
| | | | | | | Draft Project Requirements Document | Instructions and Samples | James Green | 06/23/07 | 07/23/07 | Library: NS2034 |
| | | | | | | Project Plan | Instructions and Samples | James Green | 06/23/07 | 07/23/07 | Library: NS2034 |
| Designing Datasets | The purpose of this task is to design the Datasets. | Task Lead, Subtask Lead, Subtask Member, Reviewer, Approval Official, Project Manager, Documents Manager | James Green | 07/23/07 | 07/23/07 | Design Document | Instructions and Samples | James Green | 06/23/07 | 07/23/07 | Library: NS2034 |
| | | | | | | Project Plan | Instructions and Samples | James Green | 06/23/07 | 07/23/07 | Library: NS2034 |
| | | | | | | Review Forms | Instructions and Samples | James Green | 06/23/07 | 07/23/07 | Library: NS2034 |

Now: 72°F Sat: 78°F Sun: 83°F Mon: 84°F Tue: 80°F Wed: 74°F Thu: 79°F

References list other related resources.



Credits acknowledge people's contributions.



Tools that can be focused on during stages- by tool.

Tools To Focus On During Stages. - Mozilla Firefox

File Edit View History Bookmarks Tools Help

ehbs.org/intro/summary/stages1.html

Google

Tools To Focus On During Stages- By Tool.

| Tool | Process Developer | Process Participant |
|-----------------------|--|---|
| Descriptions | Learn, Integrate, Test, Teach, Work Together | Learn, Integrate Documents Using Role Guidelines/EHBs, Test, Teach, Work Together |
| Plays | Learn, Integrate, Test, Teach, Work Together | Learn, Integrate Documents Using Role Guidelines/EHBs, Test, Teach, Work Together |
| Documents | Learn, Integrate, Test, Teach, Work Together | Learn, Integrate Documents Using Role Guidelines/EHBs, Test, Teach, Work Together |
| Role Guidelines/EHBs | Learn, Integrate, Test, Teach, Work Together | Learn, Integrate Documents Using Role Guidelines/EHBs, Test, Teach, Work Together |
| Subprocess Worksheets | Learn, Integrate, Test, Teach, Work Together | Learn, Integrate Documents Using Role Guidelines/EHBs, Test, Teach, Work Together |
| References | Learn, Integrate, Test, Teach, Work Together | Learn, Integrate Documents Using Role Guidelines/EHBs, Test, Teach, Work Together |
| Credits | Learn, Integrate, Test, Teach, Work Together | Learn, Integrate Documents Using Role Guidelines/EHBs, Test, Teach, Work Together |

Tools that can be focused on during stages- by stage.

Tools To Focus On During Stages. - Mozilla Firefox

File Edit View History Bookmarks Tools Help

ehbs.org/intro/summary/stages2.html

Google

Tools To Focus On During Stages- By Stage.

| Stage | Process Developer | Process Participant |
|---------------|---|---|
| Learn | Descriptions, Plays, Documents, Role Guidelines/EHBs, Subprocess Worksheets, References, and Credits. | Descriptions, Plays, Documents, Role Guidelines/EHBs, Subprocess Worksheets, References, and Credits. |
| Integrate | Descriptions, Plays, Documents, Role Guidelines/EHBs, Subprocess Worksheets, References, and Credits. | Documents Using Role Guidelines/EHBs. |
| Test | Descriptions, Plays, Documents, Role Guidelines/EHBs, Subprocess Worksheets, References, and Credits. | Descriptions, Plays, Documents, Role Guidelines/EHBs, Subprocess Worksheets, References, and Credits. |
| Teach | Descriptions, Plays, Documents, Role Guidelines/EHBs, Subprocess Worksheets, References, and Credits. | Descriptions, Plays, Documents, Role Guidelines/EHBs, Subprocess Worksheets, References, and Credits. |
| Work Together | Descriptions, Plays, Documents, Role Guidelines/EHBs, Subprocess Worksheets, References, and Credits. | Descriptions, Plays, Documents, Role Guidelines/EHBs, Subprocess Worksheets, References, and Credits. |

Overview of NASA Data Center Consolidations Process Library - Mozilla Firefox

File Edit View History Bookmarks Tools Help

file:///E:/8000-8999/nasa/data-center-consolidation/plib/overview.html

Overview of NASA Data Center Consolidations Process Library

The objective of this tool is to help NASA Data Center Consolidations Managers (and Staff) to *quickly learn* to build and manage Data Center Consolidations. We present our approach in five bullets.

- We focus on the documents that NASA Data Center Consolidations Managers prepare. These documents appear within various subprocesses (e.g., [1](#)) and within multiple organizations (e.g., [2](#)).
- For each subprocess, we create a directory of documents for that subprocess. (e.g., [1](#), [2](#))
- For each document type, we create files to help prepare the document. These files include document overview, organization, related links, structure, references, organization samples, organization contacts, and *sample documents from other organizations*. (e.g., [1](#), [2](#))
- Sample documents have three levels of access: a) Unconditionally Distributable (e.g., [1](#), [2](#)), b) Maintained In Organization Libraries (e.g., [1](#), [2](#)), and c) Proprietary (e.g., [1](#), [2](#)).
- Each organization gets worksheets for its own use. These worksheets also help add to the database as Managers go thru the subprocesses. (e.g., [1](#), [2](#))

For more information on the NASA Data Center Consolidations Process Library see: [paper](#), [summary](#), and [other process libraries](#).

Now: 70°F Fri: 76°F Sat: 78°F Sun: 83°F Mon: 84°F Tue: 80°F Wed: 78°F

Overview of NASA Data Center Consolidations Process Library - Mozilla Firefox

File Edit View History Bookmarks Tools Help

file:///E:/8000-8999/nasa/data-center-consolidation/plib/overview.html

Google

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- For each document type, we create files to help prepare the document. These files include document overview, organization, related links, structure, references, organization samples, organization contacts, and *sample documents from other organizations*. (e.g., [1](#), [2](#))
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Now: 70°F Sun Fri: 76°F Sat: 78°F Sun: 83°F Mon: 84°F Tue: 80°F Wed: 78°F

Subprocesses - Mozilla Firefox

File Edit View History Bookmarks Tools Help

file:///E:/8000-8999/nasa/data-center-consolidation/whatare/process.htm

CNN New York Times Washington Post Accuweather Comcast NOMAD NASAFCU File Hippo Cnet Scoreboards

Data Center Consolidations

| Product Realization Subprocesses | | | | | | | | |
|--|-------------------------------------|--------------------------|------------|--------------------|-------------|------------------------------|----------|---------------|
| Integrated Problems-Solutions Database | Planning Data Center Consolidations | Solicitation Development | Submission | Review & Selection | Negotiation | Consolidation Administration | Closeout | Post-Closeout |

(Potential Customers: Security Personnel, Flight Projects)

| Product Distribution Subprocesses | | | | | | | |
|--|------------------------|--|--------------------|------------------|--------------------------|--------------------|-------------------------|
| Integrated Problems-Solutions Database | Planning Distributions | Distribution Facility Solicitation Development | Problem Submission | Problem Handling | Agreement Administration | Agreement Closeout | Post-Agreement Closeout |

(Potential Customers: Security Personnel, Flight Projects)

| Support Subprocesses | | | | | | | | |
|----------------------|--|--|----------------------|-----------------------------------|-----------------------|----------|------------------------------------|----------------|
| Survey Management | Computer Systems Development and Evolution | Computer Systems Operations and Network Administration | Home Page Management | Education and Outreach Activities | Facilities Management | Security | Small Systems (Mac and PC) Support | Visualizations |

| Improvement Subprocesses | | |
|--------------------------|--------------|------------------|
| ISO 9001: 2000 | CMMI- Staged | CMMI- Continuous |

| Common Subprocesses | | | | | |
|-------------------------------------|--|--|------------------------------------|--------------------------------|----------------------------------|
| Organization Subprocess Formulation | Organization Subprocess Implementation | Organization Subprocess Customer Support | Organization Subprocess Evaluation | Organization Subprocess Update | Organization Subprocess Closeout |

Now: 72°F Fri: 76°F Sat: 78°F Sun: 83°F Mon: 84°F Tue: 80°F Wed: 74°F

Organizations provide different views of the subprocesses, some of which may be proprietary.

NASA Data Center Consolidations Organizations

| Product Realization Subprocesses Organizations |
|---|
| ARC Data Center Consolidations Office |
| DFRC Data Center Consolidations Office |
| GRC Data Center Consolidations Office |
| GSFC Data Center Consolidations Office |
| HQ Data Center Consolidations Office |
| JPL Data Center Consolidations Office |
| JSC Data Center Consolidations Office |
| KSC Data Center Consolidations Office |
| LaRC Data Center Consolidations Office |
| MSFC Data Center Consolidations Office |
| Office of Exploration Systems Data Center Consolidations Offices |
| Office of Aeronautics Research Data Center Consolidations Offices |
| Office of Science Data Center Consolidations Offices |
| Office of Space Operations Data Center Consolidations Offices |
| Data Center Consolidations PMO Office |
| SSC Data Center Consolidations Office |

| Product Distribution Subprocesses Organizations |
|---|
| ARC Data Center Consolidations Office |
| DFRC Data Center Consolidations Office |
| GRC Data Center Consolidations Office |
| GSFC Data Center Consolidations Office |
| HQ Data Center Consolidations Office |
| JPL Data Center Consolidations Office |
| JSC Data Center Consolidations Office |
| KSC Data Center Consolidations Office |
| LaRC Data Center Consolidations Office |
| MSFC Data Center Consolidations Office |

Now: 68°F Sun: 83°F Mon: 84°F Tue: 80°F Wed: 78°F

Organizations Execute The Eight "Play Development" Stages - Mozilla Firefox

File Edit View History Bookmarks Tools Help

Organizations Execute The Eight "Pl... X +

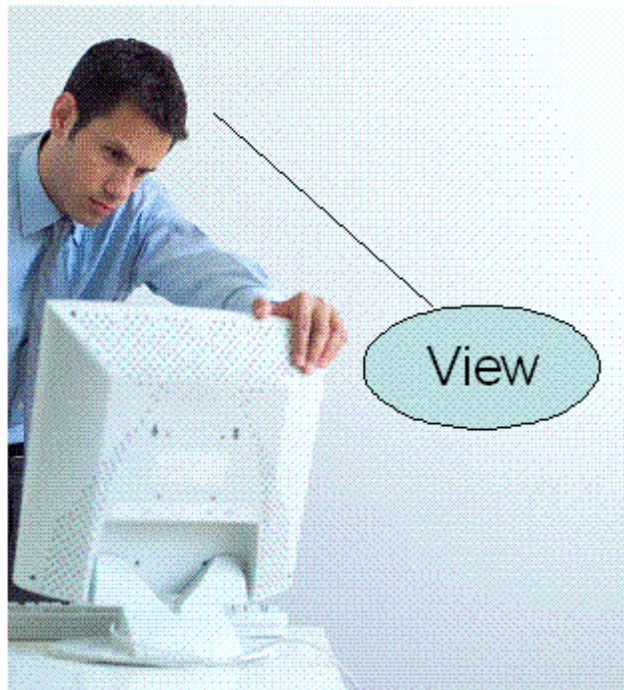
ehbs.org/intro/summary/Eight-Stages.html Wikipedia (en)

Organizations execute the eight "Play Development" stages.

- 1) summarizing (descriptions),**
- 2) playwriting (outlines),**
- 3) staging (mockups),**
- 4) dress rehearsal (implementations),**
- 5) performance (implementations),**
- 6) evaluations (implementations),**
- 7) revisions (outlines, mockups, implementations),**
- and**
- 8) closing.**

Silver Spring, MD 20902, USA: 95°F Sun: 92°F Mon: 88°F Tue: 88°F Wed: 88°F Thu: 90°F Fri: 88°F

People in organizations provide different views of the subprocesses.



**Subprocess
Documentor's
View**



**Subprocess Teacher's,
Manager's, Implementor's
and Participant's Views**

Organizations Generate Subprocess Life-Cycle Views - Mozilla Firefox

File Edit View History Bookmarks Tools Help

ehbs.org/intro/summary/Important Human Factor Issues/

Google

Organizations generate Subprocess Life-Cycle* Views

- Organization subprocess teachers want to quickly learn, integrate, test, and teach their own views of their subprocesses. (Critical)
- Organization subprocess documentors want to quickly learn, integrate, test, and teach their own views of their subprocesses. (Critical)
- Organization subprocess managers want to quickly learn, integrate, test, and teach their own views of their subprocesses. (Critical)
- Organization subprocess implementors want to quickly learn, integrate, test, and teach their own views of their subprocesses. (Critical)
- Organization subprocess participants want to quickly learn, integrate, and perform tasks that are part of their views. (Critical)
- Organization subprocess managers want to quickly monitor execution of tasks that are part of their views.
- Organization subprocess teachers, documentors, managers, implementors, and participants want to quickly improve, test, and teach their subprocesses.
- Organization subprocess teachers, documentors, managers, implementors, and participants want to quickly improve, test, and teach using other organization's views.
- Organization subprocess teachers, documentors, managers, implementors, and participants become hurt/angry when their views are not supported.
- Organization subprocess implementors want to quickly update, test, and teach tools that help facilitate execution of their subprocesses.
- Organization subprocess teachers, documentors, managers, implementors, and participants want to quickly leave when their views continue not to be supported.

* Also, called the "Universal Subprocess".

The "Game of Telephone" Syndrome - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://ehbs.org/intro/summary/Telephone Game Syndrome.htm

YouTube Feedback

The "Game of Telephone" Syndrome: Where People Pass-On Only Parts of the "Message"

A group of nine business professionals (seven men and two women) are standing in a line. Each person has a speech bubble above them that says "View". The speech bubbles are connected to the person by a line. At the far left and far right of the group, there is a black rotary telephone on the floor. The group consists of a woman in a tan suit, a man in a dark suit, a man in a light brown suit, a man in a dark suit, a man in a light brown suit, a woman in a blue suit, a man in a dark suit, and a man in a dark suit. A man in a dark suit is sitting in a wheelchair in the center of the group.

Silver Spring, MD 20902, USA: 54°F Tue: 61°F Wed: 58°F Thu: 51°F Fri: 47°F

Overview of how editable and cost-saving process documentation tools can solve problems.

| Problem | Solution |
|--|---|
| Develop Internet-based tools to support the paperless documentation and management of complex distributed processes. | Editable process documentation tools can be tailored to each subprocess. |
| Organizations provide different views of the subprocesses. | Editable process documentation tools can be tailored to reflect different organization's views of the subprocess. |
| Organizations execute the eight "play development" stages. | Editable process documentation tools can be tailored to reflect the eight "play development" stages. |
| People in organizations provide different views of the subprocesses. | Editable process documentation tools can be tailored to communicate different people's views of the subprocess. |
| Organizations generate Subprocess Life-Cycle Views. | Editable process documentation tools can be tailored to reflect different Life-Cycle views of the subprocess. |
| The "Game of Telephone" Syndrome: Where People Pass-On Only Parts of the "Message". | Editable process documentation tools can be tailored to layer below different people's views of the subprocess. |

Overview of NASA Data Center Consolidations Process Library - Mozilla Firefox

File Edit View History Bookmarks Tools Help

file:///E:/8000-8999/nasa/data-center-consolidation/plib/overview.html

Google

Overview of NASA Data Center Consolidations Process Library

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- Each organization gets worksheets for its own use. These worksheets also help add to the database as Managers go thru the subprocesses. (e.g., [1](#), [2](#))

For more information on the NASA Data Center Consolidations Process Library see: [paper](#), [summary](#), and [other process libraries](#).

Now: 70°F Sun Fri: 76°F Sat: 78°F Sun: 83°F Mon: 84°F Tue: 80°F Wed: 78°F

NASA Data Center Consolidations Process Library - Mozilla Firefox

File Edit View History Bookmarks Tools Help

file:///E:/8000-8999/nasa/data-center-consolidation/plib/index.html

CNN New York Times Washington Post Accuweather Comcast NOMAD NASAFCU File Hippo Cnet Scoreboards TV Guide

NASA Data Center Consolidations Process Library

[Overview \(Demo\)](#)

[Integrated Problems-Solutions Database](#)

[Planning Data Center Consolidation](#)

[Solicitation Development](#)

[Submission](#)

[Review and Selection](#)

[Negotiation](#)

[Consolidation Administration](#)

[Closeout](#)

[Post-Closeout](#)

Now: 72°F Sat: 78°F Sun: 83°F Mon: 84°F Tue: 80°F Wed: 74°F Thu: 79°F

Views - Mozilla Firefox

File Edit View History Bookmarks Tools Help

file:///E:/8000-8999/nasa/data-center-consolidation/summary/Mock-ups/Views.html

CNN New York Times Washington Post Accuweather Comcast NOMAD NASAFCU File Hippo Cnet Scoreboards

Views

Total 11 Entries

Classification: **Product Realization Subprocesses** (T4-00-00-00)

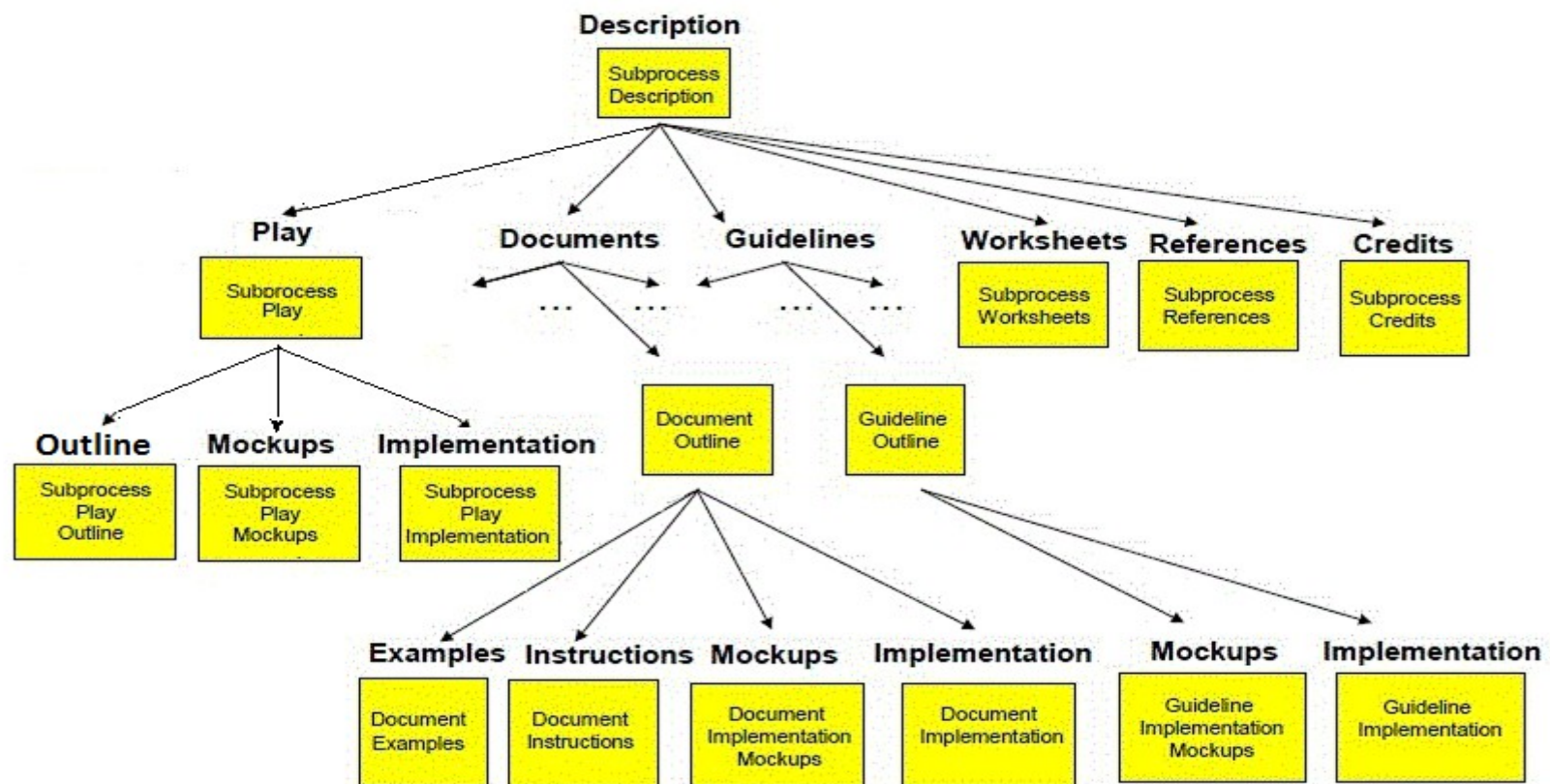
Subprocess: **Planning Data Center Consolidation** (T4-3-00-00)

[Create View](#)

| View | Steps |
|--|--|
| ARC Data Center Consolidation Office -Planning Data Center Consolidation Lee, Geoff (geoff.lee@nasa.gov) | Update Copy Delete |
| DFRC Data Center Consolidation Office -Planning Data Center Consolidation Bogue, Rodney (rod.bogue@nasa.gov) | Update Copy Delete |
| GRC Data Center Consolidation Office-Planning Data Center Consolidation Kim, Walter S. (walter.s.kim@nasa.gov) | Update Copy Delete |
| GSFC Data Center Consolidation Office -Planning Data Center Consolidation Chern, Dr. E. James (Engmin.J.Chern@nasa.gov) | Update Copy Delete |
| HQ Data Center Consolidation Office -Planning Data Center Consolidation Ray, Carl G. (carl.g.ray@nasa.gov) | Update Copy Delete |
| JPL Data Center Consolidation Office -Planning Data Center Consolidation Schober, Wayne R. (Wayne.R.Schober@jpl.nasa.gov) | Update Copy Delete |
| JSC Data Center Consolidation Office -Planning Data Center Consolidation Krishen, Dr. Kumar (kumar.krishen-1@nasa.gov) | Update Copy Delete |
| KSC Data Center Consolidation Office -Planning Data Center Consolidation Griffin, Charles (chuck.griffin@nasa.gov) | Update Copy Delete |

Now: 72°F Fri: 76°F Sat: 78°F Sun: 83°F Mon: 84°F Tue: 80°F Wed: 74°F

Our basic approach is to wrap organization's subprocesses in a common envelope containing "communication vehicles" that facilitate intra- and inter-organization communication.



Description - Mozilla Firefox

File Edit View History Bookmarks Tools Help

file:///E:/8000-8999/nasa/data-center-consolidation/library/Integration/PRSS/Planning/De: Google

CNN New York Times Washington Post Accuweather Comcast NOMAD NASAFCU File Hippo Cnet Scoreboards

Planning Data Center Consolidations

Table of Contents

- [1. Overview](#)
- [2. Play](#)
- [3. Documents](#)
- [4. Guidelines](#)
- [5. Others](#)

1. Overview

In this subprocess, we deal with the process of Planning. This is where Projects plan their Data Center Consolidations.

Organization: ORG

[All-Files.](#) These are all the view files.

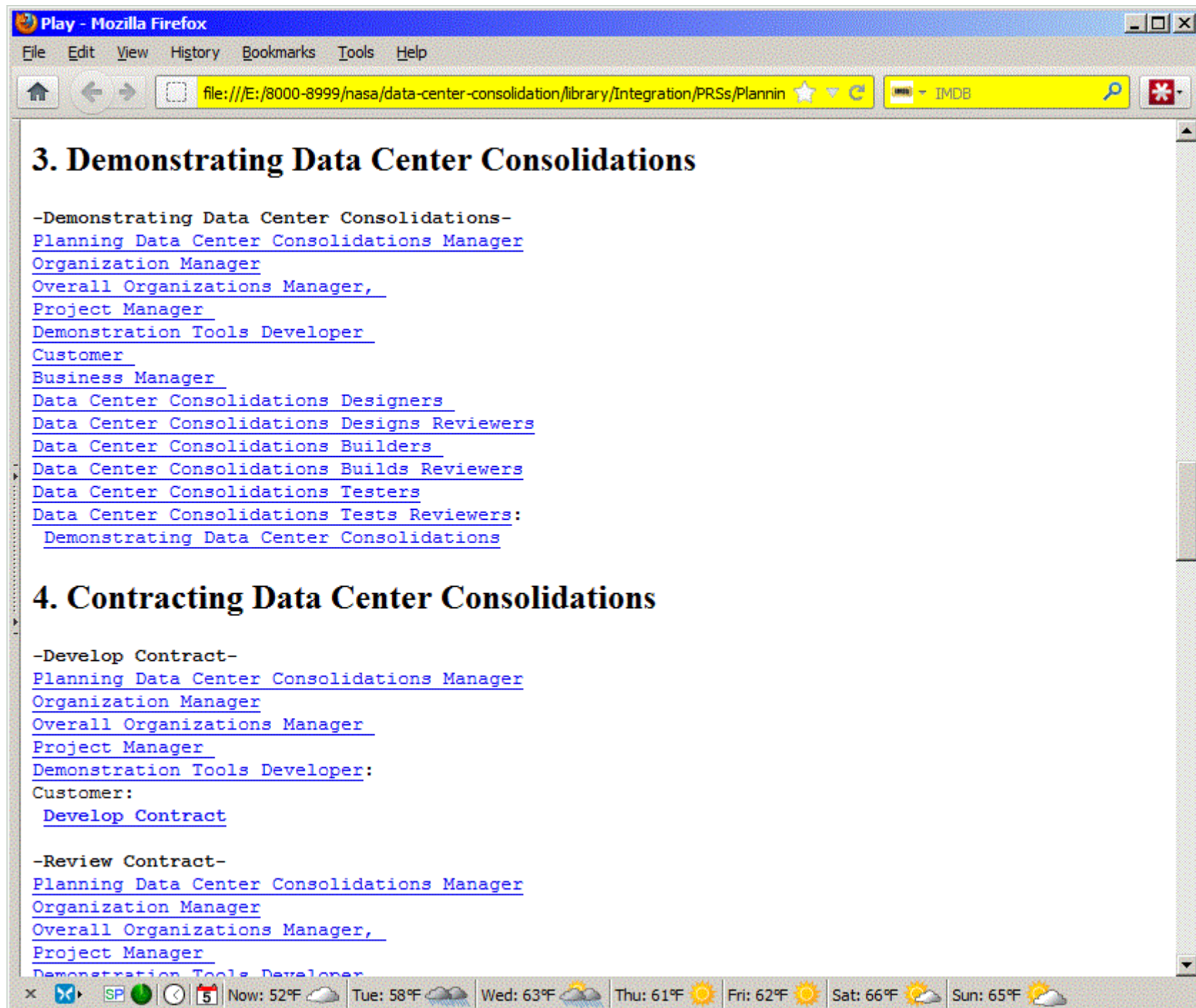
[Benefits](#)

2. Play

In this subprocess, the [play](#) is divided in several parts:

- Administrative Tools.** This is where participants utilize common operations.
- Demonstrating Data Center Consolidations.** This is where participants demonstrate mockups for potential customers.

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Description - Mozilla Firefox

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file:///E:/8000-8999/nasa/data-center-consolidation/library/Integration/PRSS/Planning/De: Google

CNN New York Times Washington Post Accuweather Comcast NOMAD NASAFCU File Hippo Cnet Scoreboards

4. **Planning Data Center Consolidations.** This is where participants design Data Center Consolidations .
5. **Implementing Data Center Consolidations.** This is where participants implement Data Center Consolidations .
6. **Testing Data Center Consolidations.** This is where participants test Data Center Consolidations .
7. **Analysis.** This is where reports are generated.

3. Documents

In this subprocess, we have the following document types:

- [Demonstration Tools](#). These are used to represent the Demonstration Tools.
- [Data Center Consolidations Contract](#). These are used to represent the Data Center Consolidations Contract.
- [Process Library](#). These are used to represent the Process Library.
- [Implementation Plans](#). These are used to represent the Implementation Plans.
- [Data Center Consolidations Designs](#). These are used to represent the Data Center Consolidations Designs.
- [Data Center Consolidations Designs Reviews](#). These are used to represent the Data Center Consolidations Designs Review.
- [Data Center Consolidations Builds](#). These are used to represent the Data Center Consolidations Builds.
- [Data Center Consolidations Builds Reviews](#). These are used to represent the Data Center Consolidations Builds Reviews.
- [Data Center Consolidations Tests](#). These are used to represent the Data Center Consolidations Tests.
- [Data Center Consolidations Tests Reviews](#). These are used to represent the Data Center Consolidations Tests Reviews.

4. Guidelines

In this subprocess, we have the following roles:

- [Planning Data Center Consolidations Manager](#). This is the person managing the Planning Data Center Consolidations subprocess.
- [Project Manager](#). This is the person managing the Project.
- [Demonstration Tools Developer](#). This is the person managing the Demonstration Tools Development.
- [Customer](#). This is the customer for the Data Center Consolidations

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Description - Mozilla Firefox

File Edit View History Bookmarks Tools Help

file:///E:/8000-8999/nasa/data-center-consolidation/library/Integration/PRSS/Planning/De: Google

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[Data Center Consolidations Tests](#). These are used to represent the Data Center Consolidations Tests.

[Data Center Consolidations Tests Reviews](#). These are used to represent the Data Center Consolidations Tests Reviews.

4. Guidelines

In this subprocess, we have the following roles:

- [Planning Data Center Consolidations Manager](#). This is the person managing the Planning Data Center Consolidations subprocess.
- [Project Manager](#). This is the person managing the Project.
- [Demonstration Tools Developer](#). This is the person managing the Demonstration Tools Development.
- [Customer](#). This is the customer for the Data Center Consolidations.
- [Business Manager](#). This is the person managing the procurements for the .Development Facility
- [Data Center Consolidations Designers](#). This is the person managing the Data Center Consolidations designs..
- [Data Center Consolidations Designs Reviewers](#). This is the person reviewing the Data Center Consolidations designs..
- [Data Center Consolidations Builders](#). This is the person building the Data Center Consolidations..
- [Data Center Consolidations Builds Reviewers](#). This is the person reviewing the Data Center Consolidations.
- [Data Center Consolidations Testers](#). This is the person testing the Data Center Consolidations..
- [Data Center Consolidations Tests Reviewers](#). This is the person reviewing the testing of the Data Center Consolidations..
- [Organization Manager](#). This is the person managing the Organization.
- [Overall Organizations Manager](#). This is the person managing the overall Organizations.

5. Others

In this subprocess, we have the following other tools:

- [Worksheet](#). This is the guidelines for the manager/director.
- [Credits](#). These are the people partaking in this organization's production.
- [References](#). These are other references.

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Subprocess Worksheets facilitate subprocess manager communication with process developers and participants.

Worksheet - Mozilla Firefox

File Edit View History Bookmarks Tools Help

file:///E:/8000-8999/nasa/data-center-consolidation/summary/Mock-ups/Worksheet.htm

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Subprocess Worksheet

Subprocess: Planning Data Center Consolidations

Purpose: The purpose of this subprocess is to Plan Data Center Consolidations.

Organization: GSFC

Related Links :
[Other Views;](#)
[Integrated View;](#)
[Integrations;](#)
[Other Subprocesses;](#)
[Process Library;](#)
[\(Update Library\);](#)

| Task | Purpose | Suggested Roles | Task Lead(s) | Estimated Completion Date | Actual Completion Date | Documents | | | | | |
|--------------------|---|--|--------------|---------------------------|------------------------|-------------------------------------|--|------------------|---------------------------|------------------------|---------------------------------|
| | | | | | | Document | Instructions and Samples | Document Lead(s) | Estimated Completion Date | Actual Completion Date | Document Location(s) |
| Administration | The purpose of this task is to administer the design of Datasets. | Task Lead, Subtask Lead, Subtask Member, Reviewer, Approval Official, Project Manager, Documents Manager | James Green | 07/23/07 | 08/23/07 | Document Library | Samples | James Green | 06/23/07 | 07/23/07 | Library: NS2034 |
| Planning | The purpose of this task is to plan the design of Datasets. | Task Lead, Subtask Lead, Subtask Member, Reviewer, Approval Official, Project Manager, Documents Manager | James Green | 06/23/07 | 06/23/07 | Planning Document | Instructions and Samples | James Green | 06/23/07 | 07/23/07 | Library: NS2034 |
| | | | | | | Draft Project Requirements Document | Instructions and Samples | James Green | 06/23/07 | 07/23/07 | Library: NS2034 |
| | | | | | | Project Plan | Instructions and Samples | James Green | 06/23/07 | 07/23/07 | Library: NS2034 |
| Designing Datasets | The purpose of this task is to design the Datasets. | Task Lead, Subtask Lead, Subtask Member, Reviewer, Approval Official, Project Manager, Documents Manager | James Green | 07/23/07 | 07/23/07 | Design Document | Instructions and Samples | James Green | 06/23/07 | 07/23/07 | Library: NS2034 |
| | | | | | | Project Plan | Instructions and Samples | James Green | 06/23/07 | 07/23/07 | Library: NS2034 |
| | | | | | | Review Forms | Instructions and Samples | James Green | 06/23/07 | 07/23/07 | Library: NS2034 |

Now: 72°F Sat: 78°F Sun: 83°F Mon: 84°F Tue: 80°F Wed: 74°F Thu: 79°F

References - Mozilla Firefox

File Edit View History Bookmarks Tools Help

file:///E:/Intro/summary/mock-ups/References.html

CNN New York Times Washington Post Comcast File Hippo Summaries Process Libraries NASAFCU SI Scoreboards Bandwidth TV Guide

Google Search RS

Bookmarks PageRank Settings

References

["NASA Sets Sights on a 'Paperless' Planet"- Washington Post
\(Federal Page\)](#)

["Justice Department to Use Internet to Help Protect Officers"- USDOJ Press Release
\(Photograph\)](#)

["Over 19,500 Applications Received For Firefighters Grant Program"- USFA Press Release](#)

["Contract Cybernauts"- Government Executive](#)

["NASA's Electronic Handbooks Offer Paper-Free Management"- Federal Computer Week](#)

["Bulletproof Vests System Wins FGIPC's 1999 GOLD IOSS AWARD"- FGIPC's Press Release](#)

["NASA E-Commerce Solution Gains Attention"- Washington Technology](#)

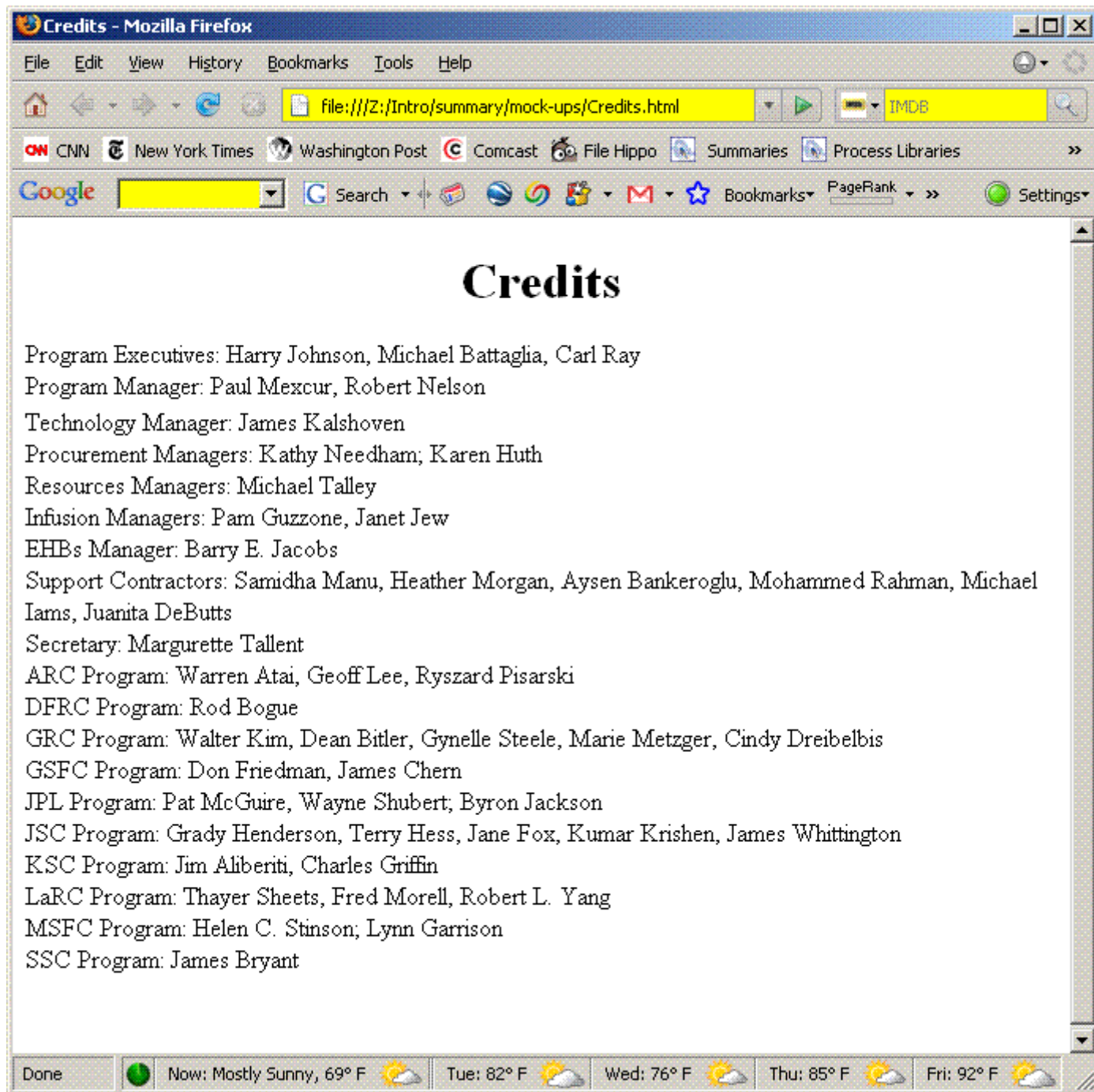
["Department of Justice Invests In Goddard Technology"- Goddard News](#)

["Utilizing NASA Electronic Handbooks"- NASA Science Information Systems Newsletter](#)

["NASA Tames a Paper Beast"- NASA Tech Briefs](#)

["Time and Cost Savings Result From Internet Software Tool Developed For Electronic Process Management"- NASA/GSFC Press Release](#)





Tools that can be focused on during stages- by tool.

Tools To Focus On During Stages. - Mozilla Firefox

File Edit View History Bookmarks Tools Help

ehbs.org/intro/summary/stages1.html

Google

Tools To Focus On During Stages- By Tool.

| Tool | Process Developer | Process Participant |
|-----------------------|--|---|
| Descriptions | Learn, Integrate, Test, Teach, Work Together | Learn, Integrate Documents Using Role Guidelines/EHBs, Test, Teach, Work Together |
| Plays | Learn, Integrate, Test, Teach, Work Together | Learn, Integrate Documents Using Role Guidelines/EHBs, Test, Teach, Work Together |
| Documents | Learn, Integrate, Test, Teach, Work Together | Learn, Integrate Documents Using Role Guidelines/EHBs, Test, Teach, Work Together |
| Role Guidelines/EHBs | Learn, Integrate, Test, Teach, Work Together | Learn, Integrate Documents Using Role Guidelines/EHBs, Test, Teach, Work Together |
| Subprocess Worksheets | Learn, Integrate, Test, Teach, Work Together | Learn, Integrate Documents Using Role Guidelines/EHBs, Test, Teach, Work Together |
| References | Learn, Integrate, Test, Teach, Work Together | Learn, Integrate Documents Using Role Guidelines/EHBs, Test, Teach, Work Together |
| Credits | Learn, Integrate, Test, Teach, Work Together | Learn, Integrate Documents Using Role Guidelines/EHBs, Test, Teach, Work Together |

Tools that can be focused on during stages- by stage.

Tools To Focus On During Stages. - Mozilla Firefox

File Edit View History Bookmarks Tools Help

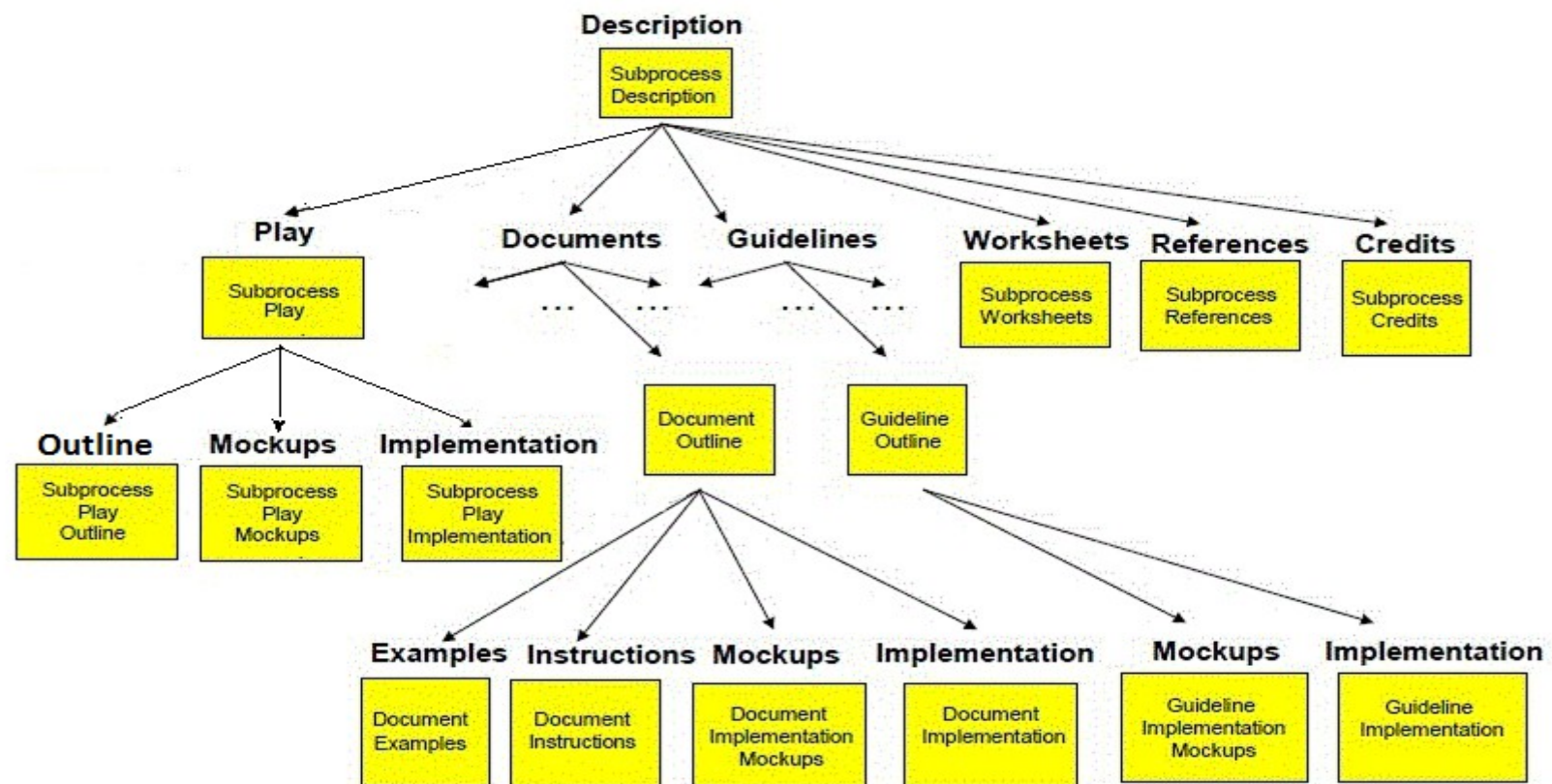
ehbs.org/intro/summary/stages2.html

Google

Tools To Focus On During Stages- By Stage.

| Stage | Process Developer | Process Participant |
|---------------|---|---|
| Learn | Descriptions, Plays, Documents, Role Guidelines/EHBs, Subprocess Worksheets, References, and Credits. | Descriptions, Plays, Documents, Role Guidelines/EHBs, Subprocess Worksheets, References, and Credits. |
| Integrate | Descriptions, Plays, Documents, Role Guidelines/EHBs, Subprocess Worksheets, References, and Credits. | Documents Using Role Guidelines/EHBs. |
| Test | Descriptions, Plays, Documents, Role Guidelines/EHBs, Subprocess Worksheets, References, and Credits. | Descriptions, Plays, Documents, Role Guidelines/EHBs, Subprocess Worksheets, References, and Credits. |
| Teach | Descriptions, Plays, Documents, Role Guidelines/EHBs, Subprocess Worksheets, References, and Credits. | Descriptions, Plays, Documents, Role Guidelines/EHBs, Subprocess Worksheets, References, and Credits. |
| Work Together | Descriptions, Plays, Documents, Role Guidelines/EHBs, Subprocess Worksheets, References, and Credits. | Descriptions, Plays, Documents, Role Guidelines/EHBs, Subprocess Worksheets, References, and Credits. |


Our basic approach is to wrap organization's subprocesses in a common envelope containing "communication vehicles" that facilitate intra- and inter-organization communication.




Shakespeare Meets Freud - Mozilla Firefox 4.0 Beta 3

File Edit View History Bookmarks Tools Help

Shakespeare Meets Freud



Process Libraries (PLs) and Electronic Handbooks (EHBs) are where Shakespeare meets Freud



- **In Process Libraries (PLs), subprocesses are represented as "plays" where "actors" communicate thru the Internet. Each organization puts on its own "productions". For each role, Electronic Handbooks (EHBs) (also called Guidelines) guide "actors" thru their parts. Managers are "directors" using Worksheets as learning/management tools. Documentors serve as "playwrights". [Shakespearean]**
- **Organizations are represented as "families" having "multiple personalities". Subprocess "plays" and its "components" provide communication vehicles between members of the same family, different families, and families from different subprocesses. Documentors also serve as "family therapists". [Freudian]**

Done

The approach uses a modernization of the Socratic Method or Dialogue to gain consensus between Teachers, Documentors, Managers, Implementors, and Participants





Some Applications

[DOI's Screen Available and Exchange-Sales \(SAVES\)- Property](#)

[DOJ's Bulletproof Vests Partnership Program \(BVP\)- Grants](#)

[DOJ's Local Law Enforcement Block Grants \(LLEBG\) - Grants](#)

[DOJ's Office of Justice Program IT Initiatives \(OJP IT\) - Grants](#)

[DOJ's Southwest Border Patrol Initiative \(SWBPI\) - Grants](#)

[Federal Emergency Management Administration \(FEMA\) - Grants](#)

[FEMA's US Fire Administration \(USFA\)- Grants](#)

[HHS's Health Services Resources Administration \(HRSA\) - Grants](#)

[NASA's Earth Sciences Technology Office \(ESTO\)- Contracts](#)

[NASA's Educational Program Data Collection and Evaluation Program \(EDCATs\) - Program Evaluations](#)

[NASA's Small Business Innovation Research \(SBIR\)- Contracts](#)

[USDA's Emergency Response Information System \(ERIS\) - Grants](#)

[USDA's Integrated Item Tracking System-Reagents Ordering-Shipping System \(IITS-ROSS\) - Grants](#)

[USDA's Karnal Bundt Information System \(KBIS\) - Grants](#)

Subprocess Life-Cycle Views that are supported.

- **Organization subprocess teachers want to quickly learn, integrate, test, and teach their own views of their subprocesses. (Critical)** Organization subprocess teachers copy relevant organization subprocess Plays/Documents/Guidelines/Worksheets in the Process Library and then learn, integrate, test, and teach their new organization subprocess Plays/Documents/Guidelines/Worksheets.
- **Organization subprocess documentors want to quickly learn, integrate, test, and teach their own views of their subprocesses. (Critical)** Organization subprocess documentors copy relevant organization subprocess Plays/Documents/Guidelines/Worksheets in the Process Library and then learn, integrate, test, and teach their new organization subprocess Plays/Documents/Guidelines/Worksheets.
- **Organization subprocess managers want to quickly learn, integrate, test, and teach their own views of their subprocesses. (Critical)** Organization subprocess managers copy relevant organization subprocess Plays/Documents/Guidelines/Worksheets in the Process Library and then learn, integrate, test, and teach their new organization subprocess Plays/Documents/Guidelines/Worksheets.
- **Organization subprocess implementors want to quickly learn, integrate, test, and teach their own views of their subprocesses. (Critical)** Organization subprocess implementors copy relevant organization subprocess Plays/Documents/Guidelines/Worksheets in the Process Library and then learn, integrate, test, and teach their new organization subprocess Plays/Documents/Guidelines/Worksheets.
- **Organization subprocess participants want to quickly learn, integrate, and perform tasks that are part of their views. (Critical)** Organization subprocess participants study the steps of their organization subprocess view Guidelines.
- **Organization subprocess managers want to quickly monitor execution of tasks that are part of their views.** Organization subprocess managers monitor the execution of tasks using their organization subprocess Plays/Documents/Guidelines/Worksheets.
- **Organization subprocess teachers, documentors, managers, implementors, and participants want to quickly update, test and teach their subprocesses.** Organization subprocess teachers, documentors, managers, implementors, and participants update, test, and teach their organization subprocess Plays/Documents/Guidelines/Worksheets.
- **Organization subprocess teachers, documentors, managers, implementors, and participants want to quickly update, test, and teach using other organization's views.** Organization subprocess teachers, documentors, managers, implementors, and participants update, test, and teach using other relevant organization subprocess Plays/Documents/Guidelines/Worksheets in the Process Library.
- **Organization subprocess teachers, documentors, managers, implementors, and participants become hurt/angry when their views are not supported.** Organization subprocess teachers, documentors, managers, implementors, and participants update, test, and teach their organization subprocess Plays/Documents/Guidelines/Worksheets.
- **Organization subprocess implementors want to quickly update, test and teach tools that help facilitate execution of their subprocesses.** Organization subprocess implementors update, test, and teach tools using requirements from Plays/Documents/Guidelines/Worksheets in the Process Library.
- **Organization subprocess teachers, documentors, managers, implementors, and participants want to quickly leave when their views continue not to be supported.** Organization subprocess teachers, documentors, managers, implementors, and participants archive their organization subprocess Plays/Documents/Guidelines/Worksheets.
- **The Key Human Factor Issue: Communication Within and Across Organizations.** Organization subprocess Plays/Documents/Guidelines/Worksheets in Process Libraries facilitate intra- and inter- organization communication.

Basic People Principles that are supported - Mozilla Firefox

File Edit View History Bookmarks Tools Help

Home Back Forward Reload Stop <http://ehbs.org/intro/summary/Basic Principles.htm> ☆ ⓘ IMDB 🔍

Basic People Principles that are supported.

- **Subprocesses determine tools.** The approach supports people doing their jobs as they see it. Forcing additional tools on people only adds more burdens to their jobs and they will likely ignore them. Additional requirements should be integrated into existing subprocesses.
- **Everyone's subprocesses should be supported as best as possible.** The approach supports people seeing their jobs differently. This is often a good thing for subprocess improvement.
- **Tools are role-based so that data is collected during subprocess execution.** As people partake in the subprocesses, the approach supports data entry in the system. If data collection is done after the fact, the quality of the data generally suffers.
- **Tools are people-based so that users require minimal training.** The approach helps people to determine which steps to use. For each of the substeps (i.e., forms and documents), the approach should have clear templates, instructions, and samples.
- **Tools are web-based so that users can easily partake.** The web-based approach supports the reduced need to install special software on user's computers. This is especially important in the case where the number of participants is large.
- **Everyone helps build the tools.** The approach supports joint ownership in the subprocesses and the underlying systems which is crucial for overall acceptance.

SF 5 Now: Cloudy, 32 °F Tue: 38 °F Wed: 43 °F Thu: 47 °F Fri: 52 °F Sat: 44 °F

Subprocess/Play Developments that are supported - Mozilla Firefox

File Edit View History Bookmarks Tools Help

Home Back Forward Reload Stop <http://ehbs.org/intro/summary/play-development.htm> ★ ⓘ IMDB 🔍

Subprocess/Play Developments that are supported.

- **Presentation & Paper/Marketing.** The approach supports presentation & paper/marketing using the contents of Descriptions, Plays, Documents, Guidelines, Worksheets, Contacts, References, and Credits.
- **Worksheet/Outlining.** The approach supports worksheet/outlining using the drafting of Descriptions, Plays, Documents, Guidelines, Worksheets, Contacts, References, and Credits.
- **Temporal Flow/Playwriting.** The approach supports temporal flow/playwriting using the drafting of Descriptions, Plays, Documents, Guidelines, Worksheets, Contacts, References, and Credits.
- **Examples/Rehearsal.** The approach supports examples/rehearsals using the mockups of Descriptions, Plays, Documents, Guidelines, Worksheets, Contacts, References, and Credits.
- **Implementation/Staging.** The approach supports implementation/staging using the building of Descriptions, Plays, Documents, Guidelines, Worksheets, Contacts, References, and Credits.
- **Utilization/Performance.** The approach supports users utilization/performance using execution of Descriptions, Plays, Documents, Guidelines, Worksheets, Contacts, References, and Credits.
- **Revision/New Production.** The approach supports revision/new production using updates of the Descriptions, Plays, Documents, Guidelines, Worksheets, Contacts, References, and Credits.
- **Closeout/End Production.** The approach supports closeout/ end performance using storage of the Descriptions, Plays, Documents, Guidelines, Worksheets, Contacts, References, and Credits.

SF 5 Now: Cloudy, 32 °F Tue: 38 °F Wed: 43 °F Thu: 47 °F Fri: 52 °F Sat: 44 °F

Process Library Operations that are supported - Mozilla Firefox

File Edit View History Bookmarks Tools Help

Home Back Forward Reload Stop <http://ehbs.org/intro/summary/operations.htm> ★ ⓘ IMDB

Process Library Operations that are supported.

- **Organization Subprocess Formulation.** The approach supports the introduction of new organizations and their subprocesses into the library.
- **Organization Subprocess Implementation.** The approach supports implementation of common tools for organizations in the library.
- **Organization Subprocess Customer Support.** The approach supports user requests for the library.
- **Organization Subprocess Evaluation.** The approach supports organization subprocess evaluations.
- **Organization Subprocess Update.** The approach supports the updating of organizations and their subprocesses in the library.
- **Organization Subprocess Closeout.** The approach supports the closeouts of organizations and their subprocesses from the library.

SP X Now: Cloudy, 34 °F Tue: 38 °F Wed: 43 °F Thu: 47 °F Fri: 52 °F Sat: 44 °F S

Overview of NASA Data Center Consolidations Process Library - Mozilla Firefox

File Edit View History Bookmarks Tools Help

file:///E:/8000-8999/nasa/data-center-consolidation/plib/overview.html

Google

Overview of NASA Data Center Consolidations Process Library

The objective of this tool is to help NASA Data Center Consolidations Managers (and Staff) to *quickly learn* to build and manage Data Center Consolidations. We present our approach in five bullets.

- We focus on the documents that NASA Data Center Consolidations Managers prepare. These documents appear within various subprocesses (e.g., [1](#)) and within multiple organizations (e.g., [2](#)).
- For each subprocess, we create a directory of documents for that subprocess. (e.g., [1](#), [2](#))
- For each document type, we create files to help prepare the document. These files include document overview, organization, related links, structure, references, organization samples, organization contacts, and *sample documents from other organizations*. (e.g., [1](#), [2](#))
- Sample documents have three levels of access: a) Unconditionally Distributable (e.g., [1](#), [2](#)), b) Maintained In Organization Libraries (e.g., [1](#), [2](#)), and c) Proprietary (e.g., [1](#), [2](#)).
- Each organization gets worksheets for its own use. These worksheets also help add to the database as Managers go thru the subprocesses. (e.g., [1](#), [2](#))

For more information on the NASA Data Center Consolidations Process Library see: [paper](#), [summary](#), and [other process libraries](#).

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Document - Mozilla Firefox

File Edit View History Bookmarks Tools Help

file:///E:/8000-8999/nasa/data-center-consolidation/library/Integration/PRSS/Planning/Documents

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Planning Data Center Consolidation

Data Center Consolidation Designs

Document

Overview

The purpose of Data Center Consolidation Handlings Designs is to provide Data Center Consolidation Handlings Designs documents for the Planning Data Center Consolidation Handlings subprocess.

Organization: ORG

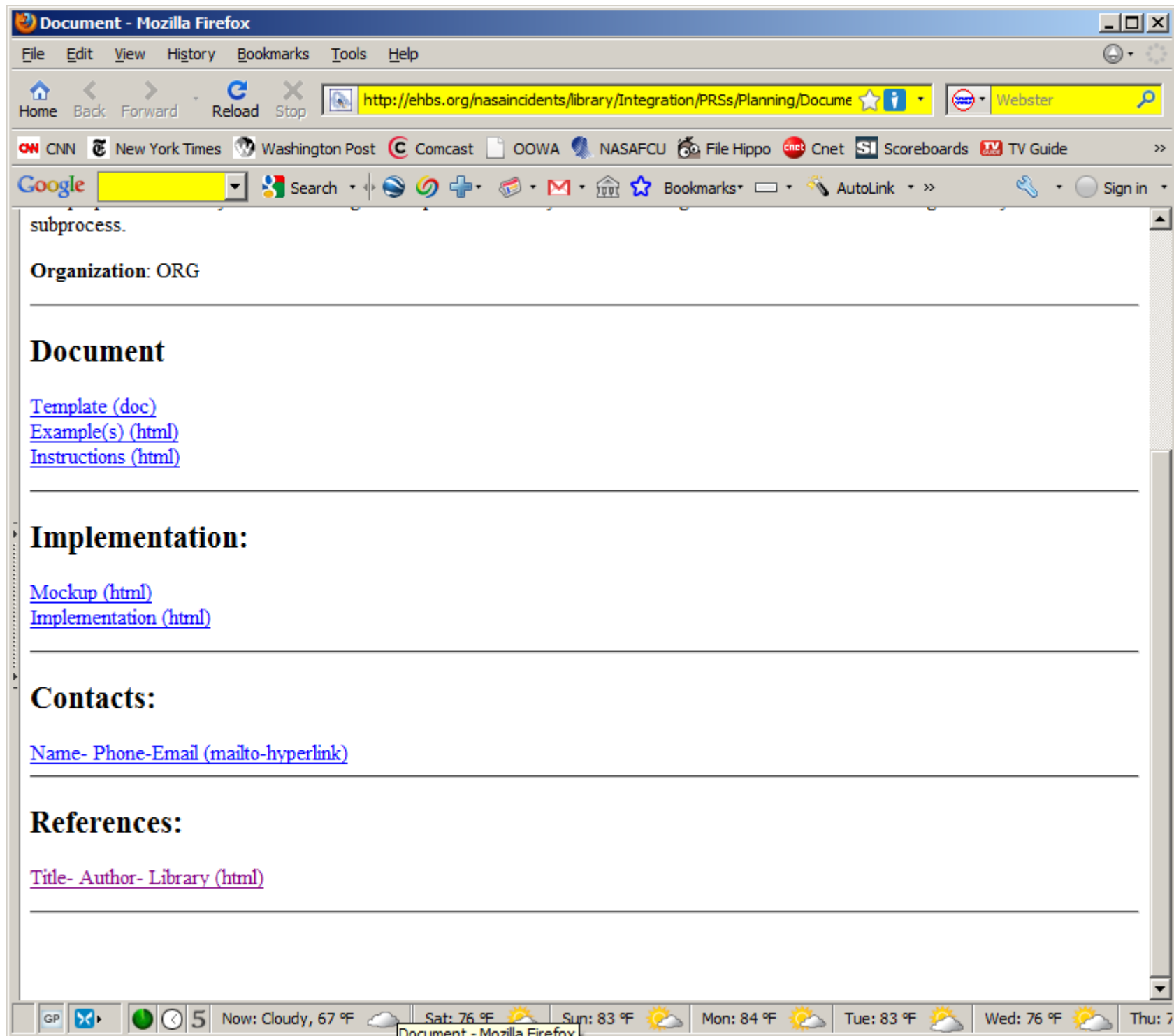
Document

[Template \(doc\)](#)
[Example\(s\) \(html\)](#)
[Instructions \(html\)](#)

Implementation:

[Mockup \(html\)](#)
[Implementation \(html\)](#)

Now: 73°F Sat: 78°F Sun: 83°F Mon: 84°F Tue: 80°F Wed: 74°F Thu: 79°F



Fetch Integration - Mozilla Firefox

File Edit View History Bookmarks Tools Help

file:///E:/8000-8999/nasa/data-center-consolidation/summary/Mock-ups/Integrations.htm

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Fetch Integration

| Read Integration | |
|------------------|-------------------------------------|
| Classification | Product Realization Subprocesses |
| Subprocess | Planning Data Center Consolidations |
| Type | Guidelines |
| Title | Advisor |
| Id | T4-4-3-00 |
| Integration Url | Fetch |
| Ordinal | 33 |
| Date Created | 03-MAY-2005 |
| Date Updated | 18-MAY-2005 |

| Samples From Views | |
|--|--|
| ARC Data Center Consolidation Office Fetch - (Size: 10 KB) | Date Created: 23-Jun-2005 Date Updated: 23-Jun-2005 |
| DFRC Data Center Consolidation Office Fetch - (Size: 10 KB) | Date Created: 23-Jun-2005 Date Updated: 23-Jun-2005 |
| GRC Data Center Consolidation Office Fetch - (Size: 10 KB) | Date Created: 23-Jun-2005 Date Updated: 23-Jun-2005 |
| GSFC Data Center Consolidation Office Fetch - (Size: 10 KB) | Date Created: 23-Jun-2005 Date Updated: 23-Jun-2005 |
| HQ Data Center Consolidation Office Fetch - (Size: 10 KB) | Date Created: 23-Jun-2005 Date Updated: 23-Jun-2005 |
| JPL Data Center Consolidation Office Fetch - (Size: 10 KB) | Date Created: 23-Jun-2005 Date Updated: 23-Jun-2005 |
| JSC Data Center Consolidation Office Fetch - (Size: 10 KB) | Date Created: 23-Jun-2005 Date Updated: 23-Jun-2005 |

Now: 72°F Sat: 78°F Sun: 83°F Mon: 84°F Tue: 80°F Wed: 74°F Thu: 79°F

Overview of NASA Data Center Consolidations Process Library - Mozilla Firefox

File Edit View History Bookmarks Tools Help

file:///E:/8000-8999/nasa/data-center-consolidation/plib/overview.html

Google

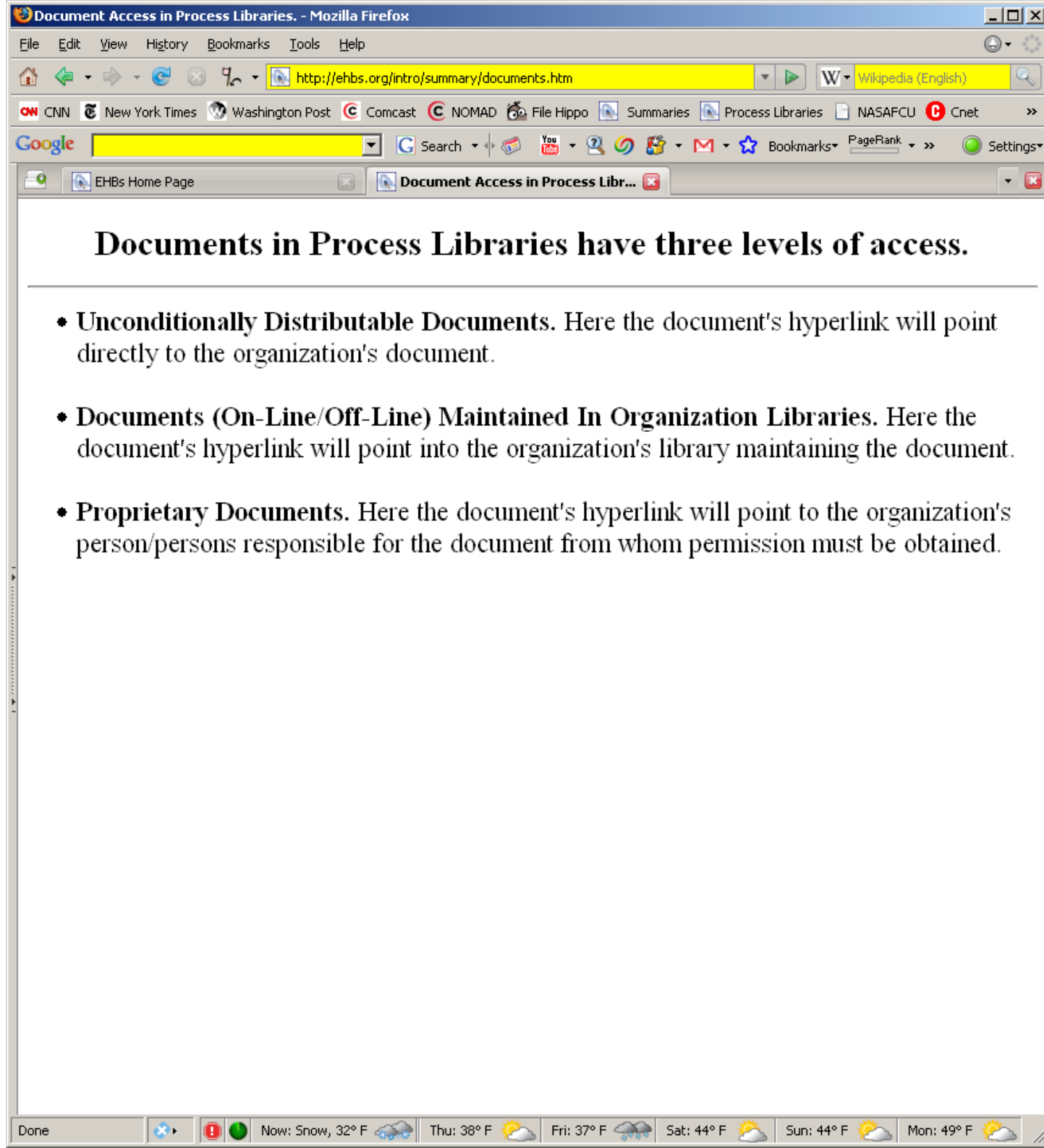
Overview of NASA Data Center Consolidations Process Library

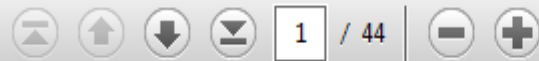
The objective of this tool is to help NASA Data Center Consolidations Managers (and Staff) to *quickly learn* to build and manage Data Center Consolidations. We present our approach in five bullets.

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- For each document type, we create files to help prepare the document. These files include document overview, organization, related links, structure, references, organization samples, organization contacts, and *sample documents from other organizations*. (e.g., [1](#), [2](#))
- Sample documents have three levels of access: a) Unconditionally Distributable (e.g., [1](#), [2](#)), b) Maintained In Organization Libraries (e.g., [1](#), [2](#)), and c) Proprietary (e.g., [1](#), [2](#)).
- Each organization gets worksheets for its own use. These worksheets also help add to the database as Managers go thru the subprocesses. (e.g., [1](#), [2](#))

For more information on the NASA Data Center Consolidations Process Library see: [paper](#), [summary](#), and [other process libraries](#).

Now: 70°F Sun Fri: 76°F Sat: 78°F Sun: 83°F Mon: 84°F Tue: 80°F Wed: 78°F





1 / 44

47.5%



Tools

Comment

**NASA Data Center Consolidation
Management Using Process Libraries and Electronic Handbooks
(Where Shakespeare Meets Freud)**

Dr. Barry E. Jacobs
Code 690.1
NASA Goddard Space Flight Center
Greenbelt, MD 20771, USA
barry.e.jacobs@nasa.gov

The Bottom Line:

Provide editable and cost-saving process documentation tools for process developers and participants to help them quickly and effectively learn, adapt, test, teach, and work together.

These tools may be added to new or existing systems.

See Figure 1(a). Subprocesses and Figure 2(b). Subprocesses in a common envelope.

0. Introduction

In this paper, we deal with the important problem of managing complex distributed processes involving potentially thousands of participants. An example of such a process is the management of National Aeronautics and Space Administration (NASA) Data Center Consolidation. NASA Data Center Consolidation is a key ingredient of NASA Flight Projects which are the heart of NASA. Managing complex distributed processes is difficult due to 1) the complexity of the subprocesses, 2) the diversity of views of different organizations, 3) the diversity of views of teachers, documentors, managers, implementors, and participants taking part in the subprocesses, 4) subprocess Live-Cycle views, and 5) the "Game of Telephone" syndrome.

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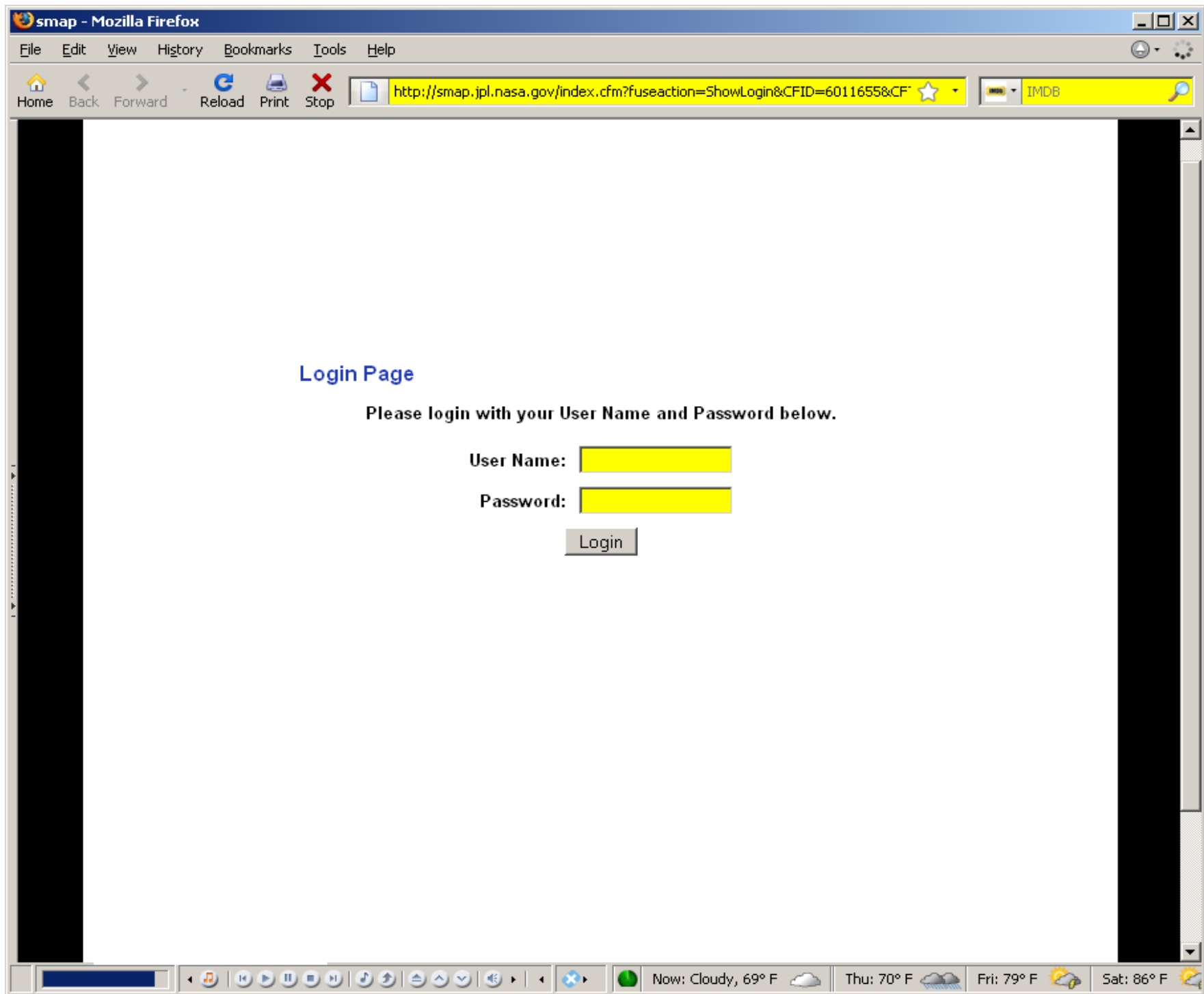
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To: Mary.T.Smith@jpl.nasa.gov

To:

Subject: Please send me a copy of your project's proprietary MDR Package

Preformat Variable Width

Please send me a copy of your project's proprietary:

Package

Thanks,

Barry

|

--

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Overview of NASA Data Center Consolidations Process Library - Mozilla Firefox

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file:///E:/8000-8999/nasa/data-center-consolidation/plib/overview.html

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Overview of NASA Data Center Consolidations Process Library

The objective of this tool is to help NASA Data Center Consolidations Managers (and Staff) to *quickly learn* to build and manage Data Center Consolidations. We present our approach in five bullets.

- We focus on the documents that NASA Data Center Consolidations Managers prepare. These documents appear within various subprocesses (e.g., [1](#)) and within multiple organizations (e.g., [2](#)).
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For more information on the NASA Data Center Consolidations Process Library see: [paper](#), [summary](#), and [other process libraries](#).

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Subprocess Worksheet

Subprocess: Planning Data Center Consolidations

Purpose: The purpose of this subprocess is to Plan Data Center Consolidations.

Organization: GSFC

Related Links :
[Other Views;](#)
[Integrated View;](#)
[Integrations;](#)
[Other Subprocesses;](#)
[Process Library;](#)
[\(Update Library\);](#)

| Task | Purpose | Suggested Roles | Task Lead(s) | Estimated Completion Date | Actual Completion Date | Documents | | | | | |
|--------------------|---|--|--------------|---------------------------|------------------------|-------------------------------------|--|------------------|---------------------------|------------------------|---------------------------------|
| | | | | | | Document | Instructions and Samples | Document Lead(s) | Estimated Completion Date | Actual Completion Date | Document Location(s) |
| Administration | The purpose of this task is to administer the design of Datasets. | Task Lead, Subtask Lead, Subtask Member, Reviewer, Approval Official, Project Manager, Documents Manager | James Green | 07/23/07 | 08/23/07 | Document Library | Samples | James Green | 06/23/07 | 07/23/07 | Library: NS2034 |
| Planning | The purpose of this task is to plan the design of Datasets. | Task Lead, Subtask Lead, Subtask Member, Reviewer, Approval Official, Project Manager, Documents Manager | James Green | 06/23/07 | 06/23/07 | Planning Document | Instructions and Samples | James Green | 06/23/07 | 07/23/07 | Library: NS2034 |
| | | | | | | Draft Project Requirements Document | Instructions and Samples | James Green | 06/23/07 | 07/23/07 | Library: NS2034 |
| | | | | | | Project Plan | Instructions and Samples | James Green | 06/23/07 | 07/23/07 | Library: NS2034 |
| Designing Datasets | The purpose of this task is to design the Datasets. | Task Lead, Subtask Lead, Subtask Member, Reviewer, Approval Official, Project Manager, Documents | James Green | 07/23/07 | 07/23/07 | Design Document | Instructions and Samples | James Green | 06/23/07 | 07/23/07 | Library: NS2034 |
| | | | | | | Project Plan | Instructions and Samples | James Green | 06/23/07 | 07/23/07 | Library: NS2034 |
| | | | | | | Review Forms | Instructions and Samples | James Green | 06/23/07 | 07/23/07 | Library: NS2034 |

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**NASA Data Center Consolidation
Management Using Process Libraries and Electronic Handbooks
(Where Shakespeare Meets Freud)**

Dr. Barry E. Jacobs
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The Bottom Line:

Provide editable and cost-saving process documentation tools for process developers and participants to help them quickly and effectively learn, adapt, test, teach, and work together.

These tools may be added to new or existing systems.

See Figure 1(a). Subprocesses and Figure 2(b). Subprocesses in a common envelope.

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National Aeronautics and Space Administration (NASA) Data Center Consolidations Management Using Process Libraries and Electronic Handbooks

(Where Shakespeare Meets Freud)

Summary

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([Paper](#))

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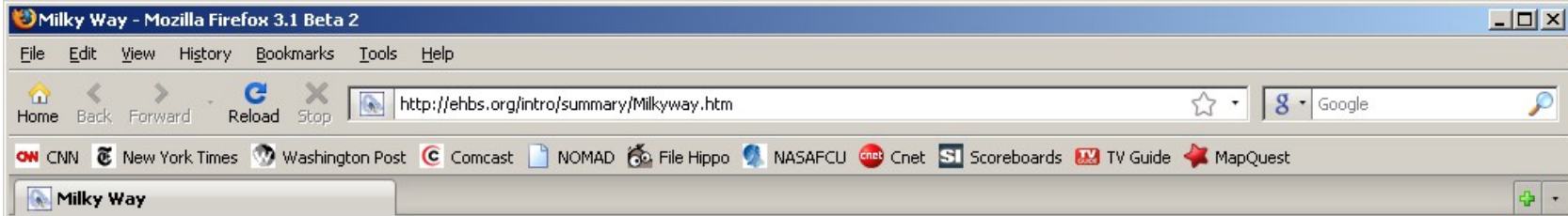
([Subprocesses and Their Documentations](#))

([Demonstration Tool](#))

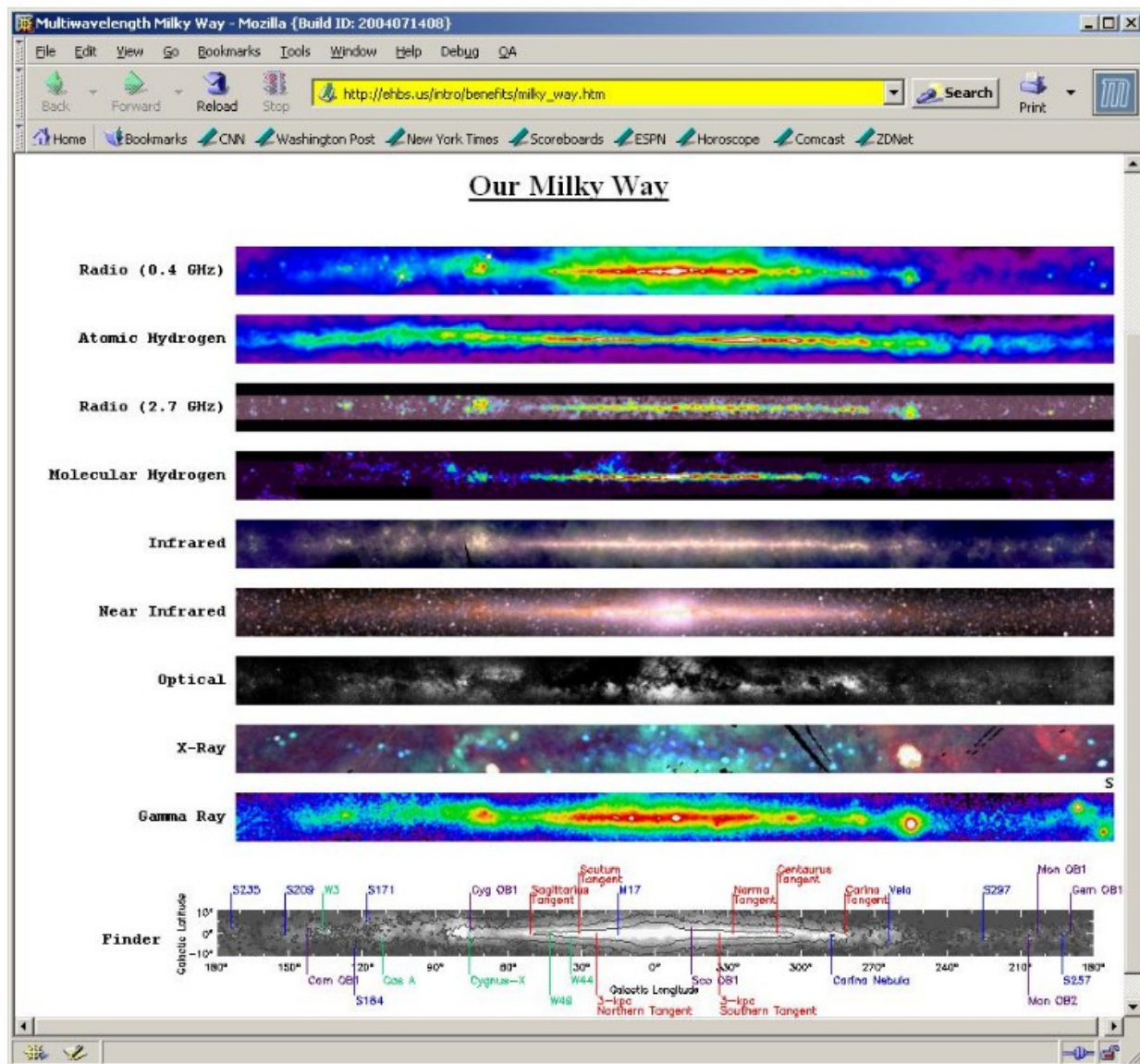
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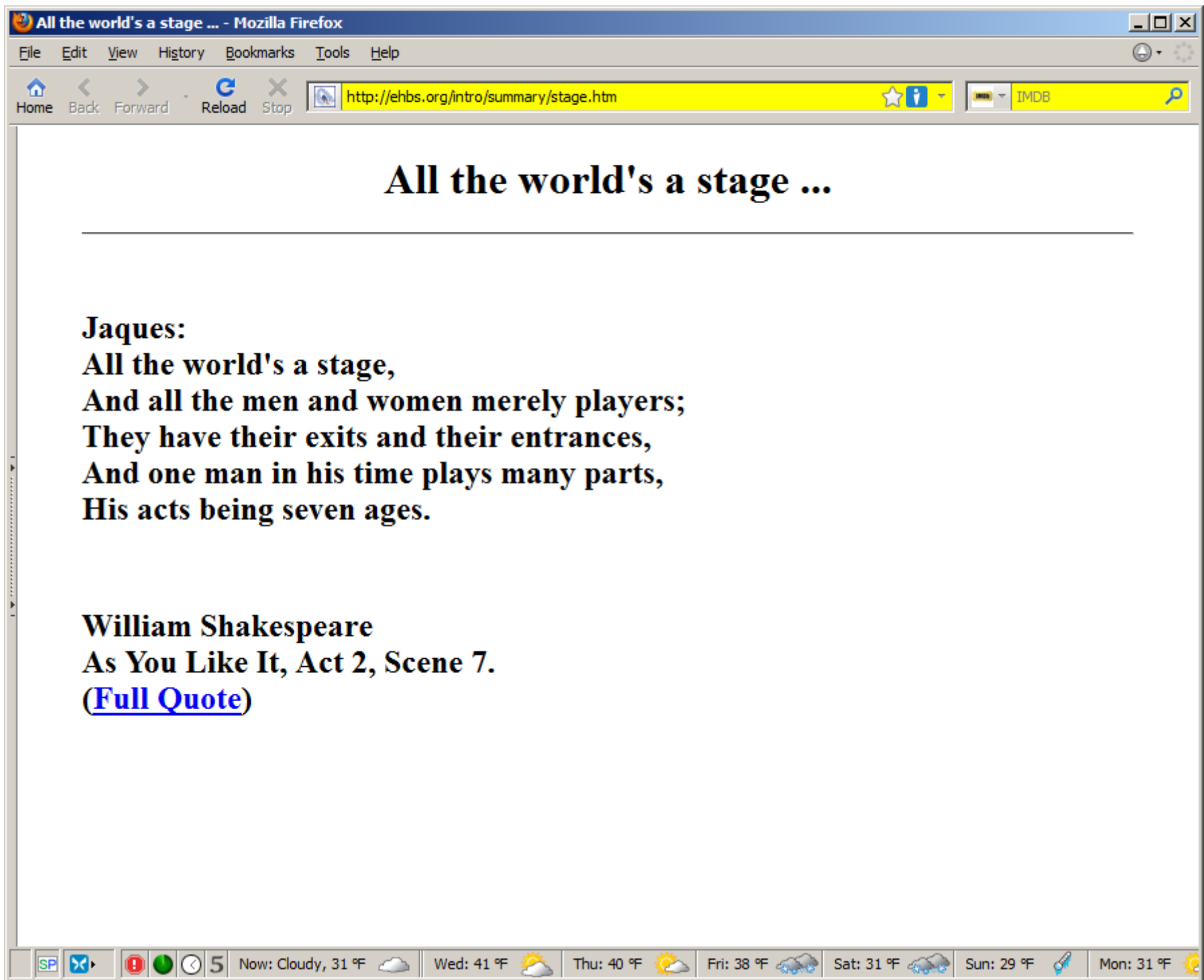
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- [The Bottom Line: Provide editable and cost-saving process documentation tools for process developers and participants to help them quickly and effectively learn, adapt, test, teach, and work together. These tools may be added to new or existing systems.](#)
- [Objective: Develop Internet-based tools to support the paperless documentation and management of complex distributed processes.](#)
- [Plays describe subprocess execution.](#)
- [Our basic approach is to wrap organization's subprocesses in a common envelope containing "communication vehicles" that facilitate learning plus intra-organization communication.](#)
- [Outline of Presentation.](#)
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- [Organizations provide different views of the subprocesses, some of which may be proprietary.](#)
- [People in organizations provide different views of the subprocesses.](#)
- [Organizations generate Subprocess Life-Cycle Views.](#)

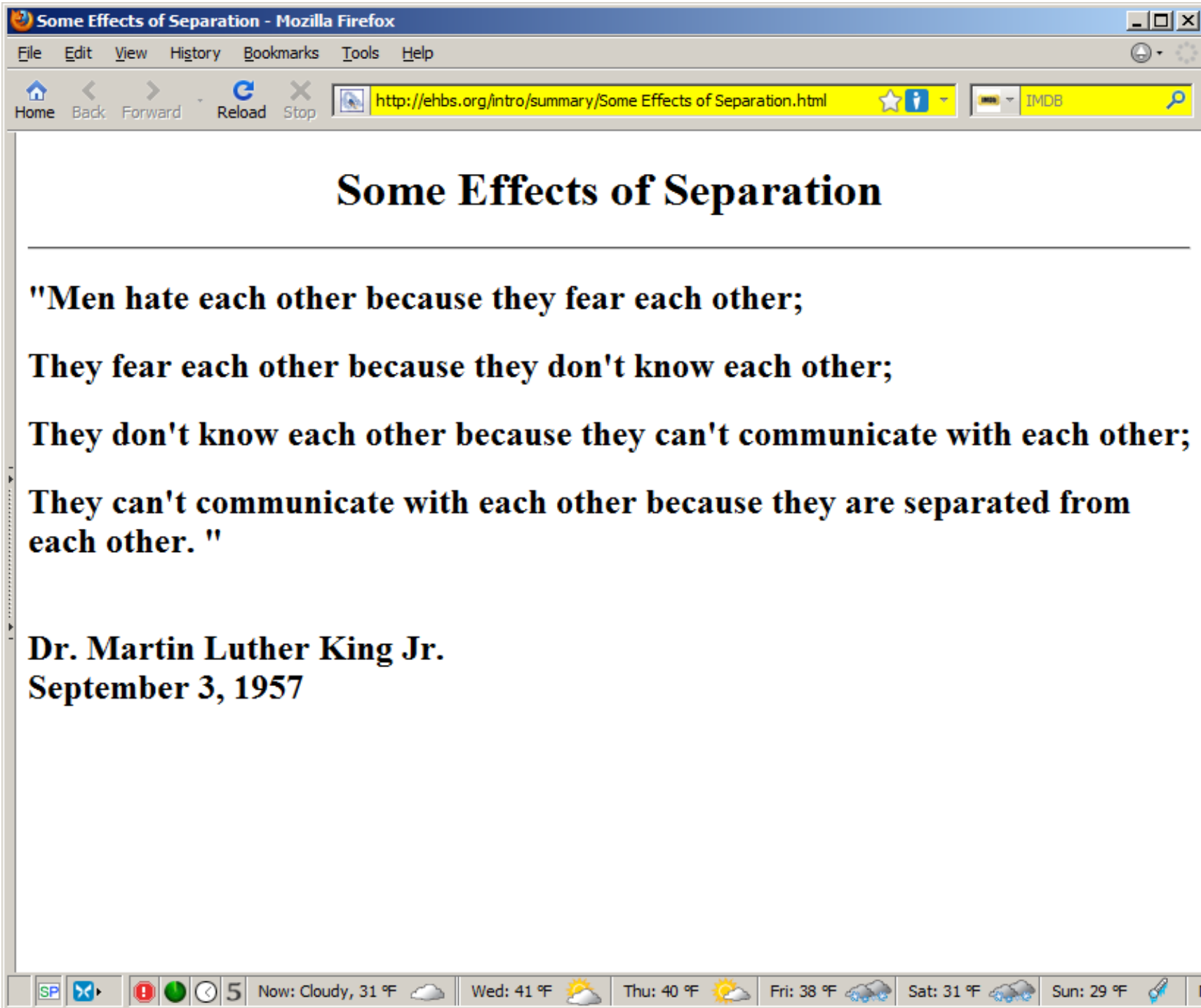
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We believe that to truly understand one's universe, one must see it thru multiple "eyes" and also have tools to "communicate" these views.







Theatre of Dionysus- Athens, Greece



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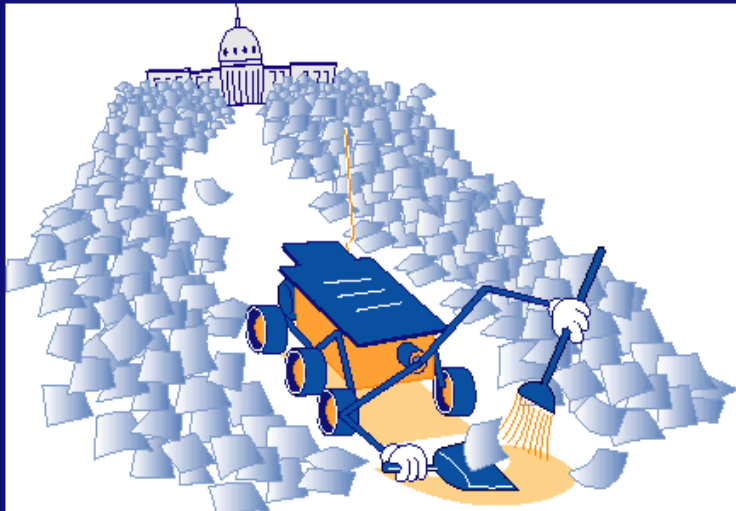

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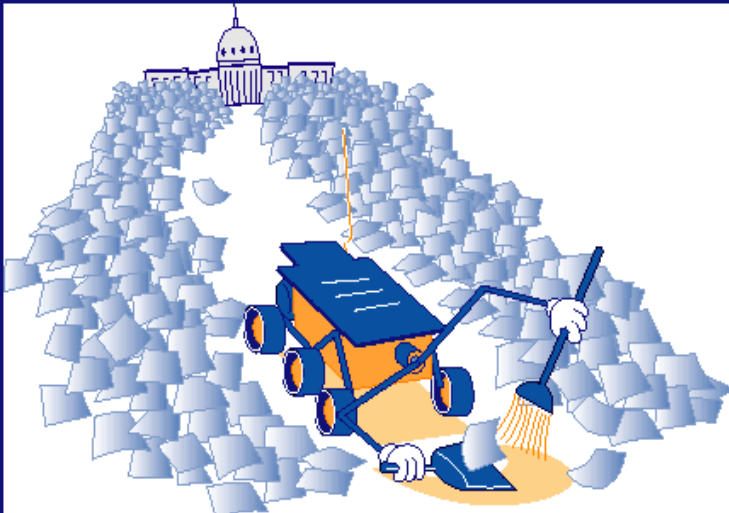
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BY D'ANGELO FOR THE WASHINGTON POST

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(301) 681-7816
[\[Mini-Bio\]](#)

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