

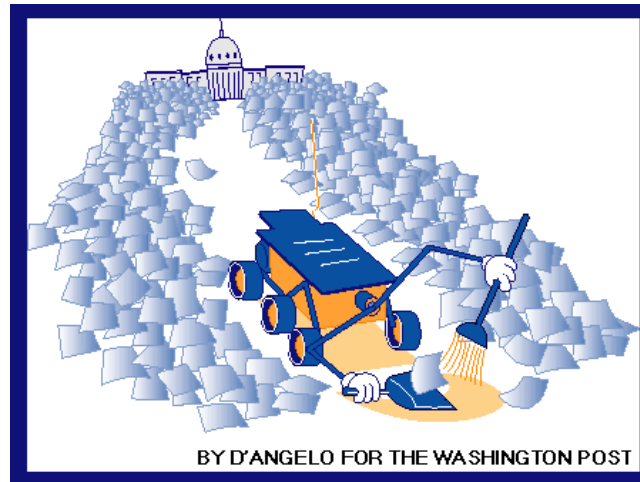
# NASA Data Center Consolidation Management Using Process Libraries and Electronic Handbooks



(Where Shakespeare Meets Freud)



## Quick Summary



Dr. Barry E. Jacobs

barry.e.jacobs@comcast.net

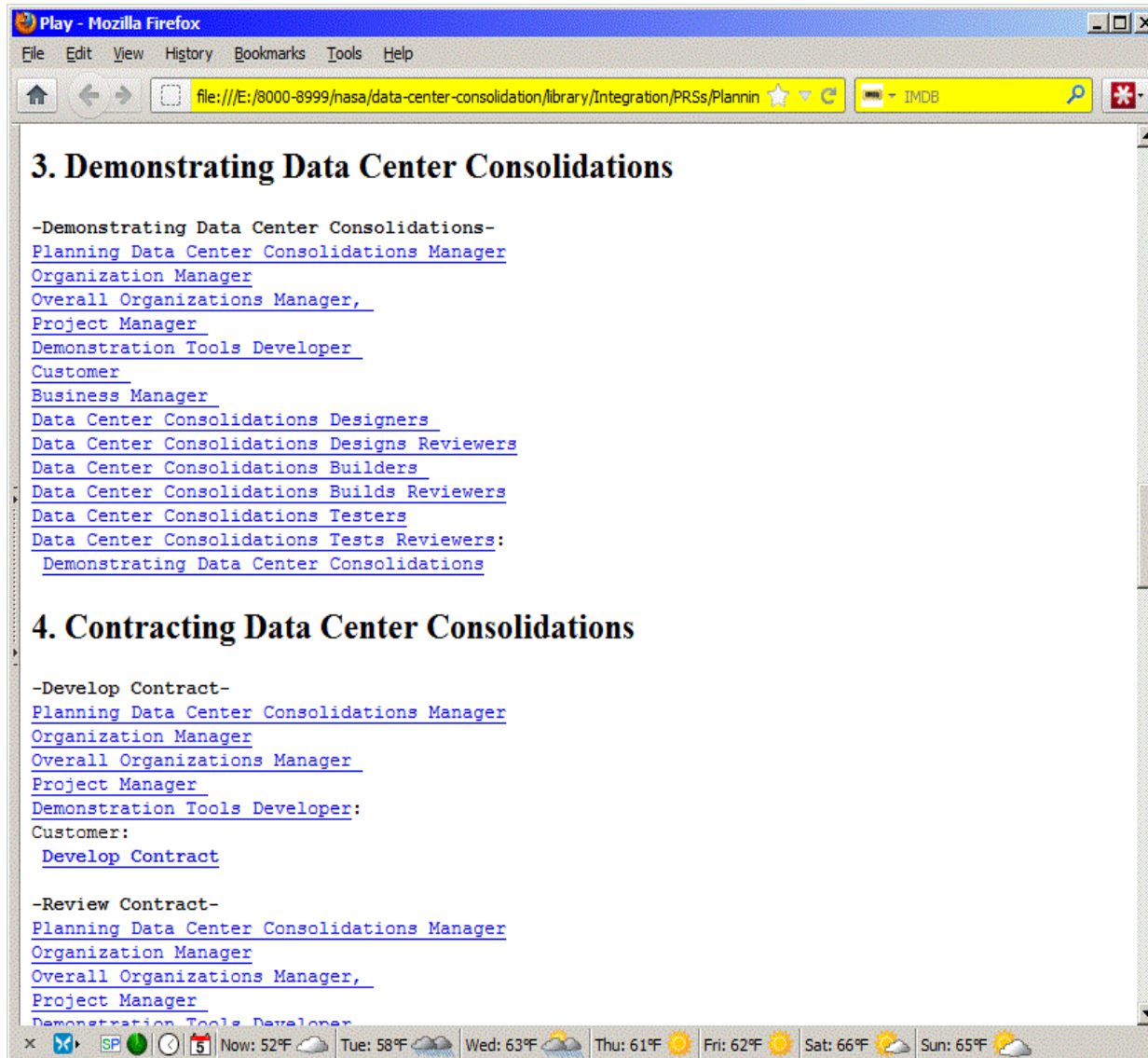
## **The Bottom Line:**

**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.



The screenshot shows a Mozilla Firefox browser window with the following content:

**3. Demonstrating Data Center Consolidations**

-Demonstrating Data Center Consolidations-

- [Planning Data Center Consolidations Manager](#)
- [Organization Manager](#)
- [Overall Organizations Manager,](#)
- [Project Manager](#)
- [Demonstration Tools Developer](#)
- [Customer](#)
- [Business Manager](#)
- [Data Center Consolidations Designers](#)
- [Data Center Consolidations Designs Reviewers](#)
- [Data Center Consolidations Builders](#)
- [Data Center Consolidations Builds Reviewers](#)
- [Data Center Consolidations Testers](#)
- [Data Center Consolidations Tests Reviewers:](#)
- [Demonstrating Data Center Consolidations](#)

**4. Contracting Data Center Consolidations**

-Develop Contract-

- [Planning Data Center Consolidations Manager](#)
- [Organization Manager](#)
- [Overall Organizations Manager](#)
- [Project Manager](#)
- [Demonstration Tools Developer:](#)
- Customer:
  - [Develop Contract](#)

-Review Contract-

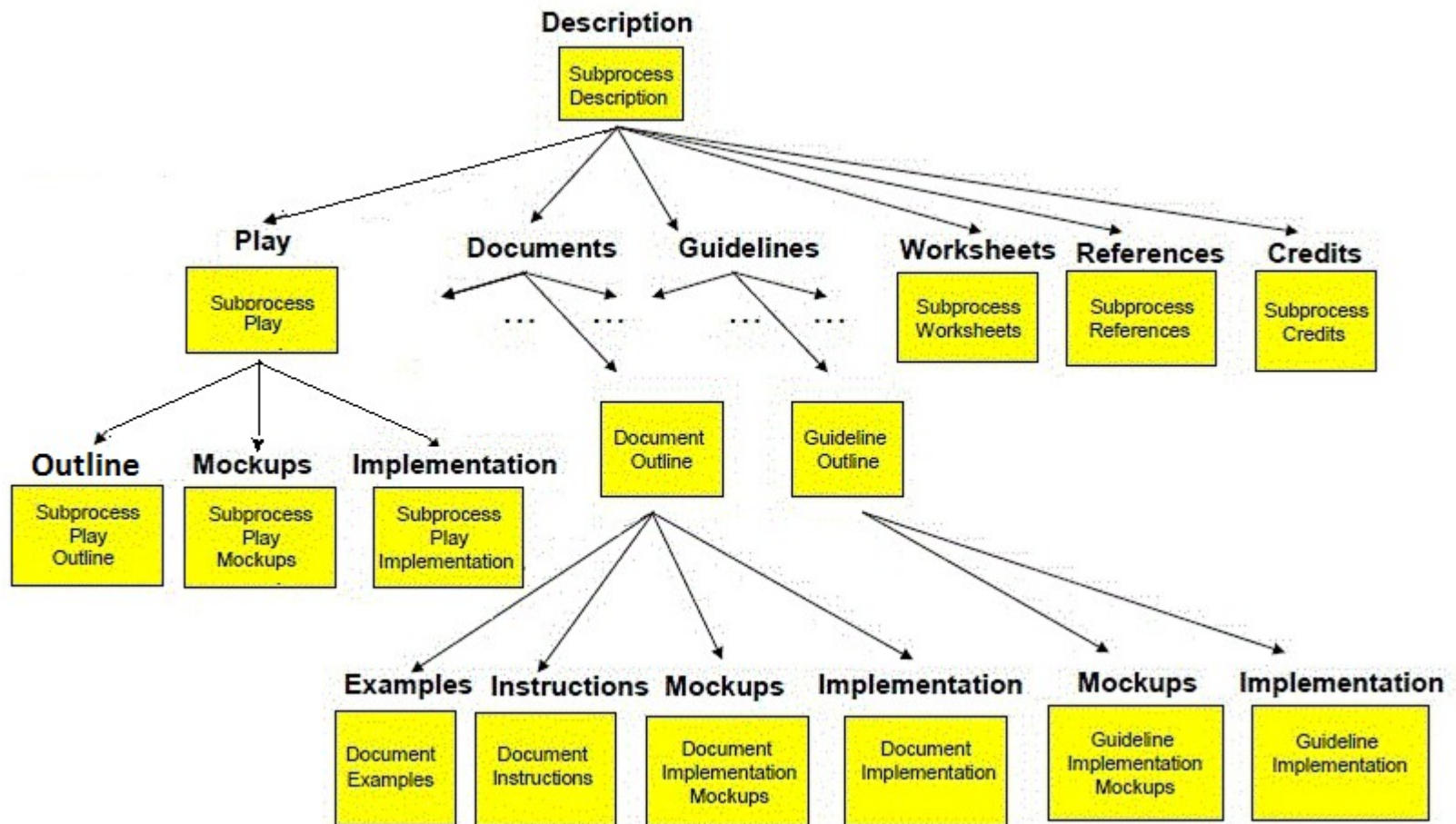
- [Planning Data Center Consolidations Manager](#)
- [Organization Manager](#)
- [Overall Organizations Manager,](#)
- [Project Manager](#)
- [Demonstration Tools Developer](#)

The browser window also shows a file path in the address bar: file:///E:/8000-8999/nasa/data-center-consolidation/library/Integration/PRSS/Plannin. The taskbar at the bottom displays the system clock and weather forecast for the week of November 1st to 7th, 2006.

## **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.**

**For each subprocess, an “Integration View” is the integration or combination of other subprocess views. An “Integration View” facilitates intra- and inter-organization communication.**



# **All the world's a stage ...**

**Jaques:**

**All the world's a stage,  
And all the men and women merely players;  
They have their exits and their entrances,  
And one man in his time plays many parts,  
His acts being seven ages.**

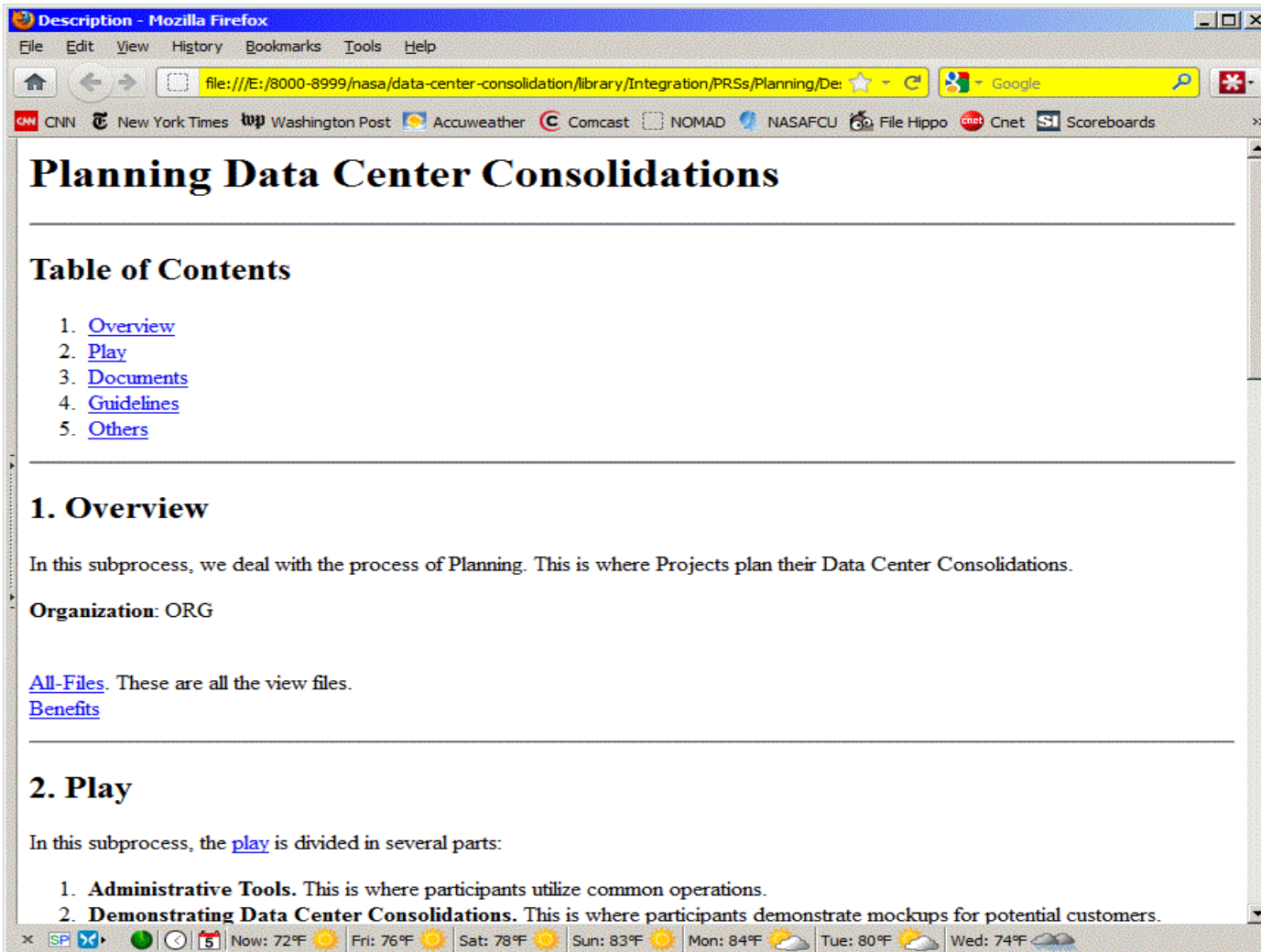
**William Shakespeare**

**As You Like It, Act 2, Scene 7.**

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



# Descriptions summarize subprocesses.



The screenshot shows a Mozilla Firefox browser window with the following content:

- Browser Title:** Description - Mozilla Firefox
- Address Bar:** file:///E:/8000-8999/nasa/data-center-consolidation/library/Integration/PRs/Planning/De
- Navigation Bar:** Home, Back, Forward, Stop, Refresh, Google search, and a red cross icon.
- Toolbar:** CNN, New York Times, Washington Post, Accuweather, Comcast, NOMAD, NASAFCU, File Hippo, Cnet, and Scoreboards.
- Main Content:**
  - ## 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

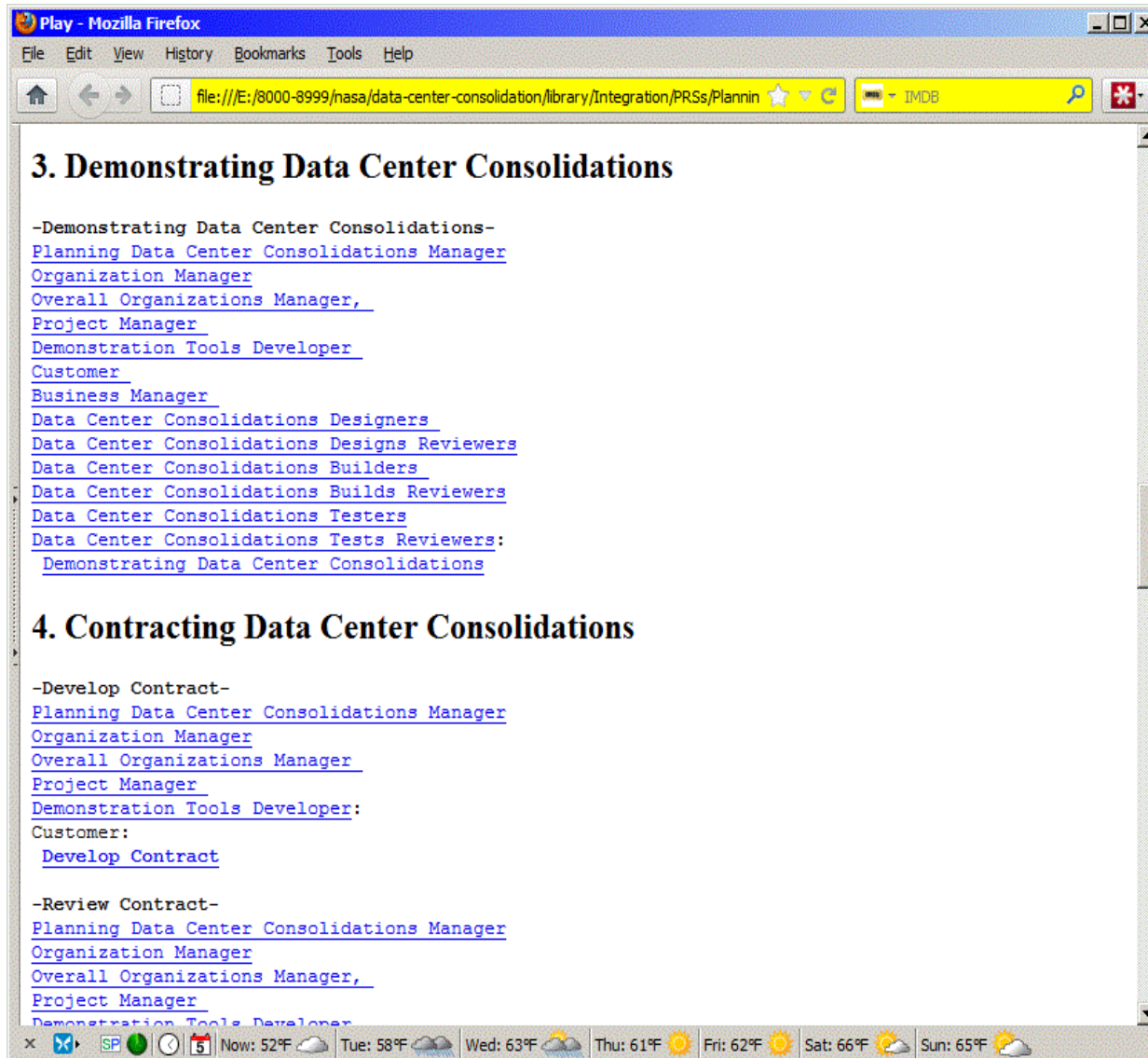
In this subprocess, the [play](#) is divided in several parts:

    - 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 system tray with a taskbar containing icons for SP, a green circle, a clock, and a calendar. The system tray also displays the current date and time: 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.



**3. Demonstrating Data Center Consolidations**

-Demonstrating Data Center Consolidations-

- [Planning Data Center Consolidations Manager](#)
- [Organization Manager](#)
- [Overall Organizations Manager,](#)
- [Project Manager](#)
- [Demonstration Tools Developer](#)
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- [Data Center Consolidations Designers](#)
- [Data Center Consolidations Designs Reviewers](#)
- [Data Center Consolidations Builders](#)
- [Data Center Consolidations Builds Reviewers](#)
- [Data Center Consolidations Testers](#)
- [Data Center Consolidations Tests Reviewers:](#)
- [Demonstrating Data Center Consolidations](#)

**4. Contracting Data Center Consolidations**

-Develop Contract-

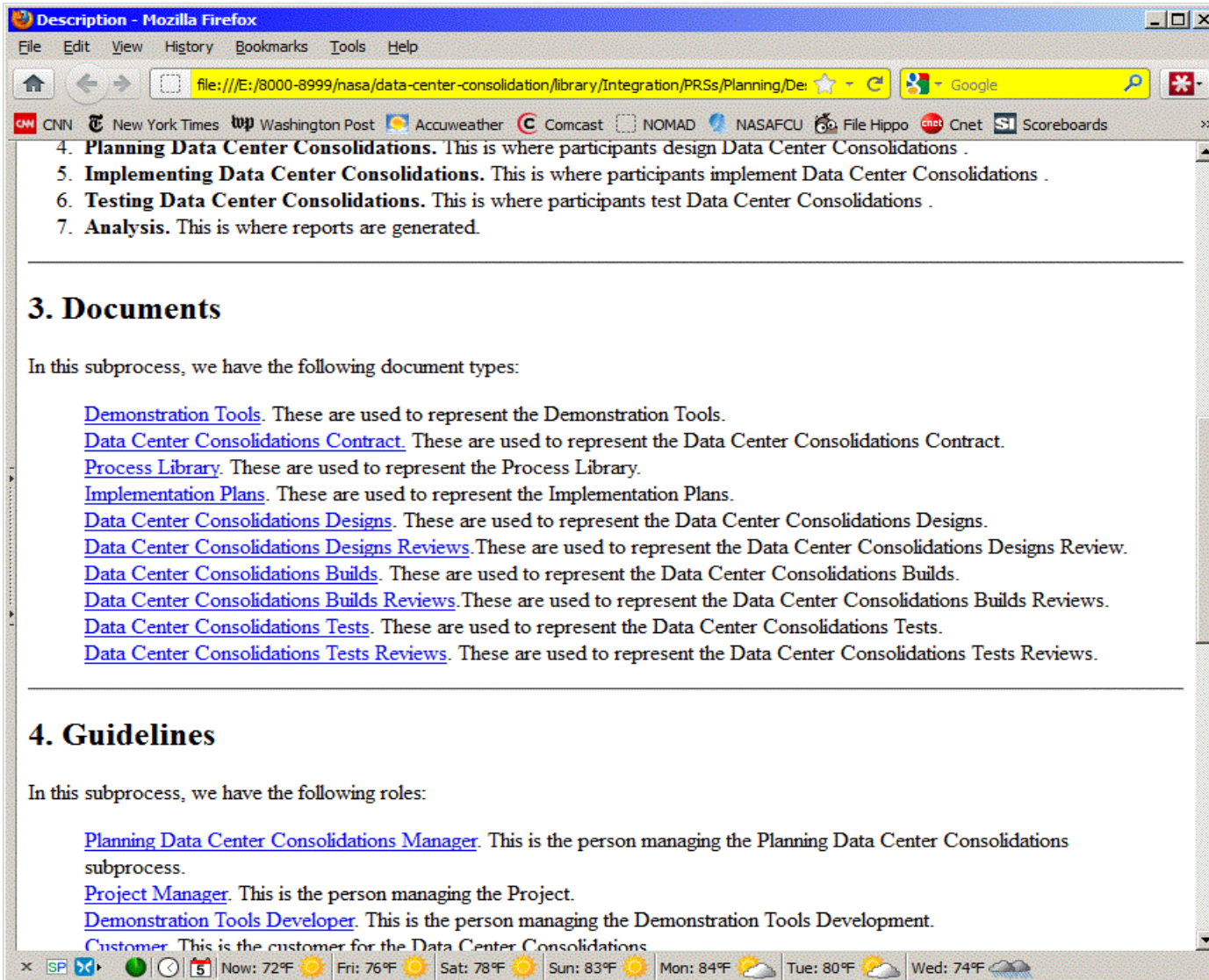
- [Planning Data Center Consolidations Manager](#)
- [Organization Manager](#)
- [Overall Organizations Manager](#)
- [Project Manager](#)
- [Demonstration Tools Developer:](#)
- Customer:
  - [Develop Contract](#)

-Review Contract-

- [Planning Data Center Consolidations Manager](#)
- [Organization Manager](#)
- [Overall Organizations Manager,](#)
- [Project Manager](#)
- [Demonstration Tools Developer](#)

The screenshot shows a Mozilla Firefox browser window with the address bar displaying a file path: file:///E:/8000-8999/nasa/data-center-consolidation/library/Integration/PRSS/Plannin. The browser window contains two sections of text, each with a heading and a list of roles or tasks. The first section is titled '3. Demonstrating Data Center Consolidations' and lists various roles such as 'Planning Data Center Consolidations Manager', 'Organization Manager', 'Overall Organizations Manager', 'Project Manager', 'Demonstration Tools Developer', 'Customer', 'Business Manager', 'Data Center Consolidations Designers', 'Data Center Consolidations Designs Reviewers', 'Data Center Consolidations Builders', 'Data Center Consolidations Builds Reviewers', 'Data Center Consolidations Testers', and 'Data Center Consolidations Tests Reviewers'. The second section is titled '4. Contracting Data Center Consolidations' and lists roles such as 'Develop Contract', 'Planning Data Center Consolidations Manager', 'Organization Manager', 'Overall Organizations Manager', 'Project Manager', and 'Demonstration Tools Developer'. The browser window also shows a search bar with 'IMDB' and a status bar at the bottom with weather information for the week.

# Documents describe subprocess data.



The screenshot shows a Mozilla Firefox browser window with the title "Description - Mozilla Firefox". The address bar contains the file path: file:///E:/8000-8999/nasa/data-center-consolidation/library/Integration/PRs/Planning/De... The browser's toolbar includes icons for home, back, forward, search, and a Google search bar. Below the toolbar, there are several website icons including CNN, New York Times, Washington Post, Accuweather, Comcast, NOMAD, NASAFCU, File Hippo, Cnet, and Scoreboards. The main content area of the browser displays a document with the following text:

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.

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### 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.

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### 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 browser's status bar at the bottom shows the system tray with icons for network, volume, and clock, along with a weather forecast for the current day and the next three days: 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.

The screenshot shows a Mozilla Firefox browser window with the following content:

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

CNN CNN New York Times Washington Post Accuweather Comcast NOMAD NASAFU File Hippo Cnet SI 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.

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

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

## Subprocess Worksheet

**Subprocess:** Planning Data Center Consolidations

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

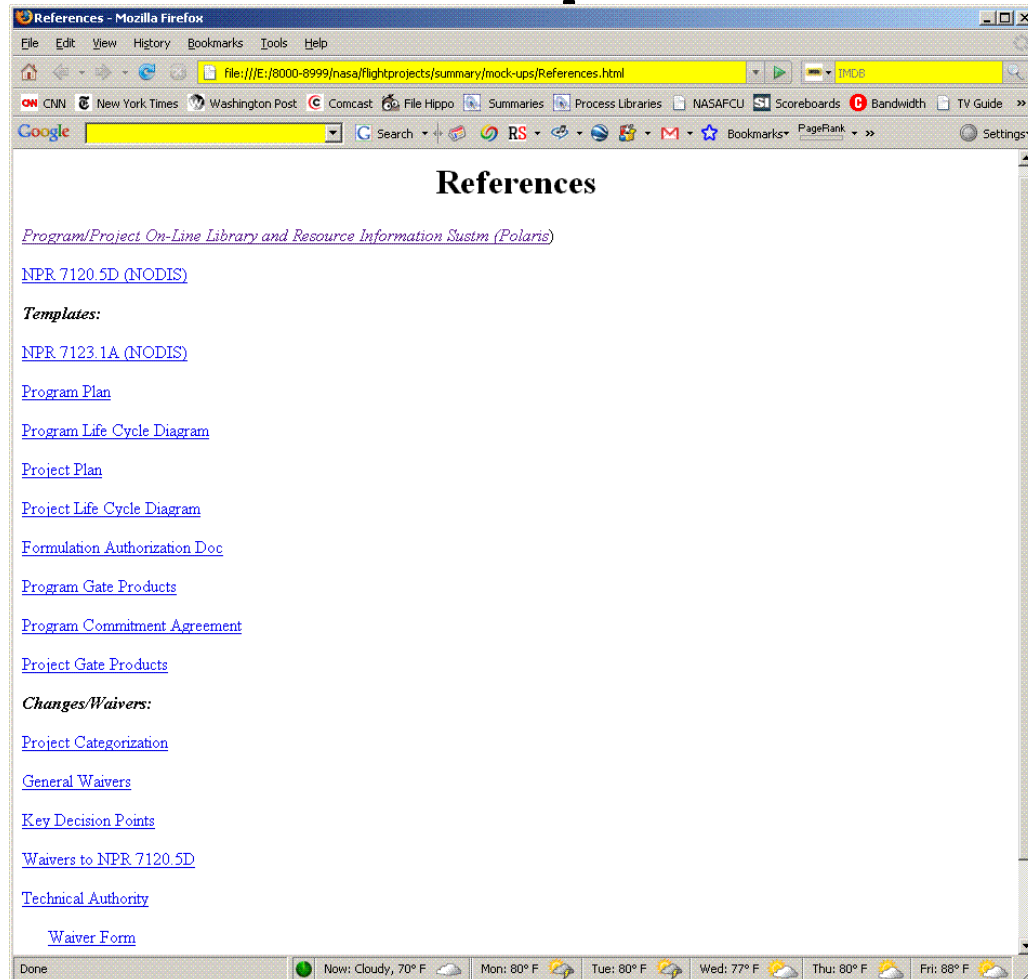
**Organization:** GSFC

**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	<a href="#">Samples</a>	James Green	06/23/07	07/23/07	<a href="#">Library: NS2034</a>
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	<a href="#">Instructions and Samples</a>	James Green	06/23/07	07/23/07	<a href="#">Library: NS2034</a>
						Draft Project Requirements Document	<a href="#">Instructions and Samples</a>	James Green	06/23/07	07/23/07	<a href="#">Library: NS2034</a>
						Project Plan	<a href="#">Instructions and Samples</a>	James Green	06/23/07	07/23/07	<a href="#">Library: NS2034</a>
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	<a href="#">Instructions and Samples</a>	James Green	06/23/07	07/23/07	<a href="#">Library: NS2034</a>
						Project Plan	<a href="#">Instructions and Samples</a>	James Green	06/23/07	07/23/07	<a href="#">Library: NS2034</a>
						Review Forms	<a href="#">Instructions and Samples</a>	James Green	06/23/07	07/23/07	<a href="#">Library: NS2034</a>

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

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
Subprocesses Workbooks:	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- 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.



# Objective:

## Develop Internet-based tools to support the paperless documentation and management of complex distributed processes.

The screenshot shows a Mozilla Firefox browser window with the address bar displaying a file path: `file:///E:/8000-8999/nasa/data-center-consolidation/whatare/process.htm`. The page content is organized into several sections:

### 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

The browser's taskbar at the bottom shows the system clock as 'Now: 72°F' and a weather forecast for the following days: 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   Fri: 76°F   Sat: 78°F   Sun: 83°F   Mon: 84°F   Tue: 80°F   Wed: 78°F

# **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.**

# 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

- 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: Where People Pass-On Only Parts of the "Message"



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

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

# Solution: Process Libraries maintain organization's views of the subprocesses.

The screenshot shows a Mozilla Firefox browser window with the following details:

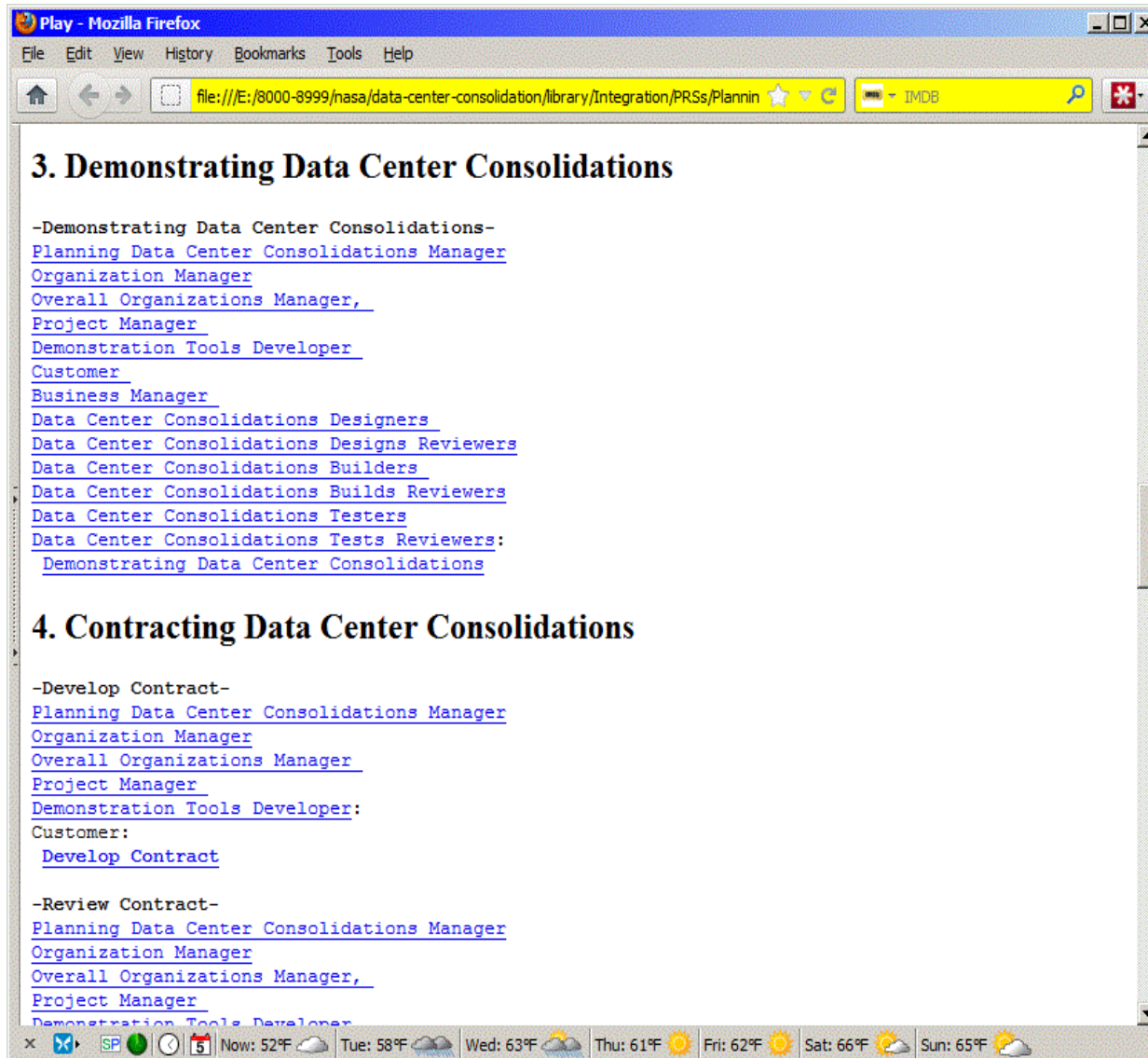
- Address Bar:** file:///E:/8000-8999/nasa/data-center-consolidation/summary/Mock-ups/Views.html
- Navigation:** Home, Back, Forward, Stop, Refresh, Search (Google)
- Bookmarks:** CNN, New York Times, Washington Post, Accuweather, Comcast, NOMAD, NASAFCU, File Hippo, Cnet, Scoreboards
- Page Title:** Views
- Content:**
  - Total 11 Entries
  - Classification: Product Realization Subprocesses (T4-00-00-00)
  - Subprocess: Planning Data Center Consolidation (T4-3-00-00)
  - [Create View](#)
  - Table with 2 columns: View, Steps
- Table Data:**

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

**System Tray:** 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.



The screenshot shows a Mozilla Firefox browser window with the following content:

**3. Demonstrating Data Center Consolidations**

-Demonstrating Data Center Consolidations-

- [Planning Data Center Consolidations Manager](#)
- [Organization Manager](#)
- [Overall Organizations Manager,](#)
- [Project Manager](#)
- [Demonstration Tools Developer](#)
- [Customer](#)
- [Business Manager](#)
- [Data Center Consolidations Designers](#)
- [Data Center Consolidations Designs Reviewers](#)
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- [Data Center Consolidations Builds Reviewers](#)
- [Data Center Consolidations Testers](#)
- [Data Center Consolidations Tests Reviewers:](#)
- [Demonstrating Data Center Consolidations](#)

**4. Contracting Data Center Consolidations**

-Develop Contract-

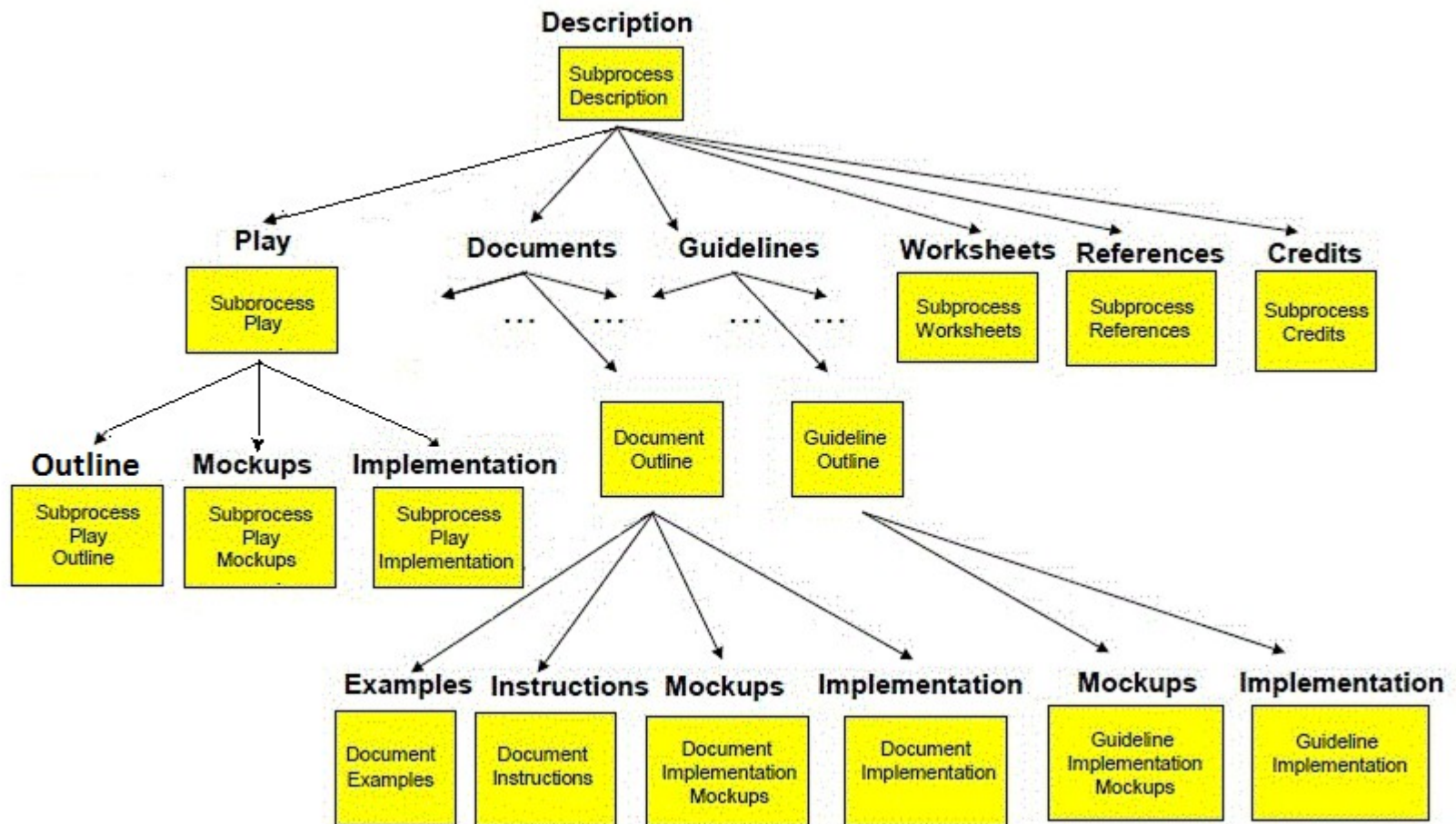
- [Planning Data Center Consolidations Manager](#)
- [Organization Manager](#)
- [Overall Organizations Manager](#)
- [Project Manager](#)
- [Demonstration Tools Developer:](#)
- Customer:
  - [Develop Contract](#)

-Review Contract-

- [Planning Data Center Consolidations Manager](#)
- [Organization Manager](#)
- [Overall Organizations Manager,](#)
- [Project Manager](#)
- [Demonstration Tools Developer](#)

The browser window also shows a file path in the address bar: file:///E:/8000-8999/nasa/data-center-consolidation/library/Integration/PRSS/Plannin. The taskbar at the bottom displays the system clock and weather forecast for the week of November 1st to 7th, 2006.

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



# 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

Tools To Focus On During Stages- By Tool.

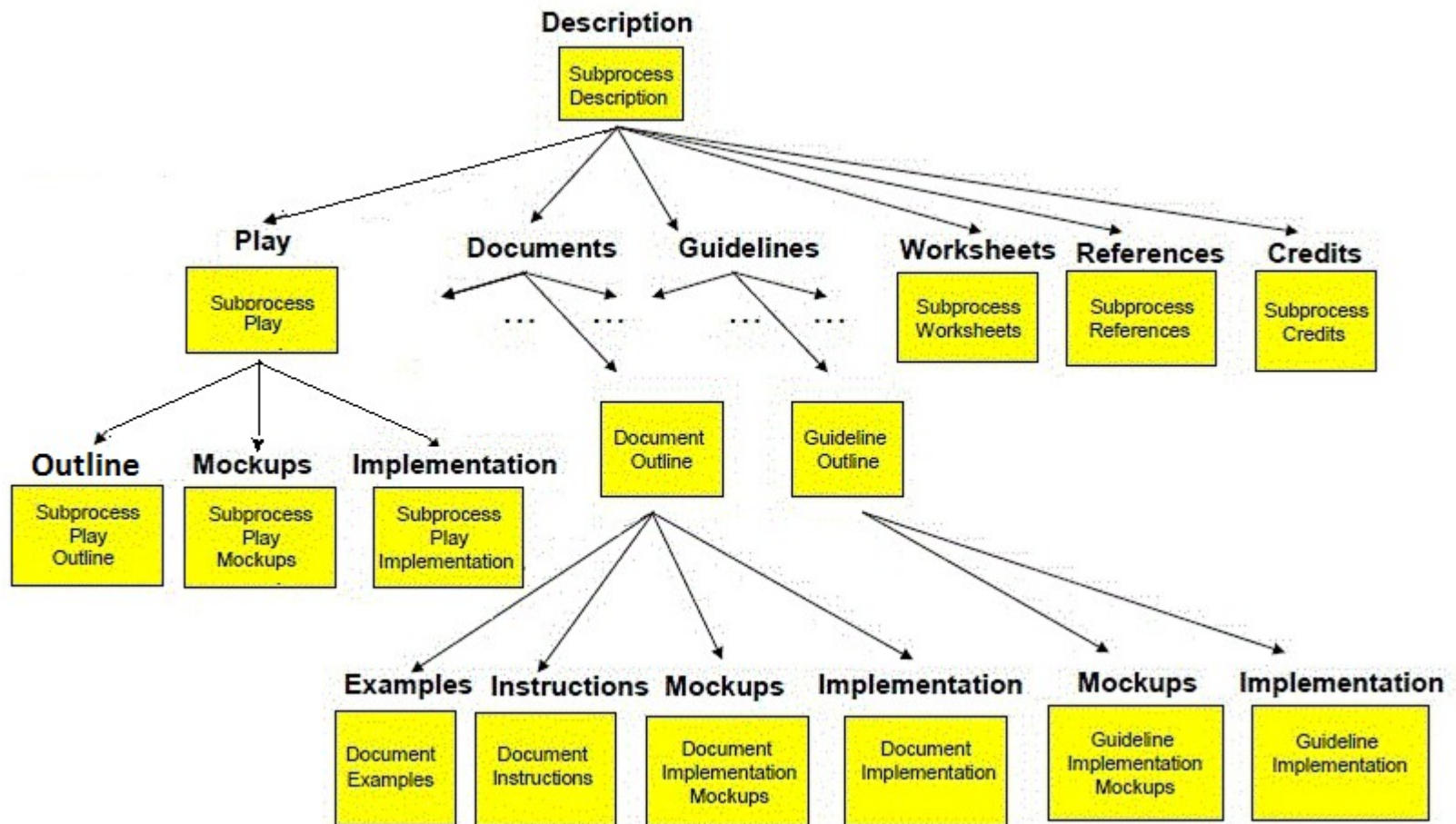
Tool	Process Developer	Process Participant
Descriptions:	Learn, Integrate, Test, Teach, Work Together	Learn, Integrate Documents Using Role Guidelines/EHBs, Test, Teach, Work Together
Plays:	Learn, Integrate, Test, Teach, Work Together	Learn, Integrate Documents Using Role Guidelines/EHBs, Test, Teach, 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
Subprocesses Workbooks:	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- 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.

**For each subprocess, an “Integration View” is the integration or combination of other subprocess views. An “Integration View” facilitates intra- and inter-organization communication.**



Some EHBs Projects - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

file:///z:/Intro/summary/mock-ups/Some%20EHBs%20Proje Go

CNN Washington Post New York Times MapQuest: Home Comcast Scoreboards Horoscope Bandwidth Test >>

# Some Applications

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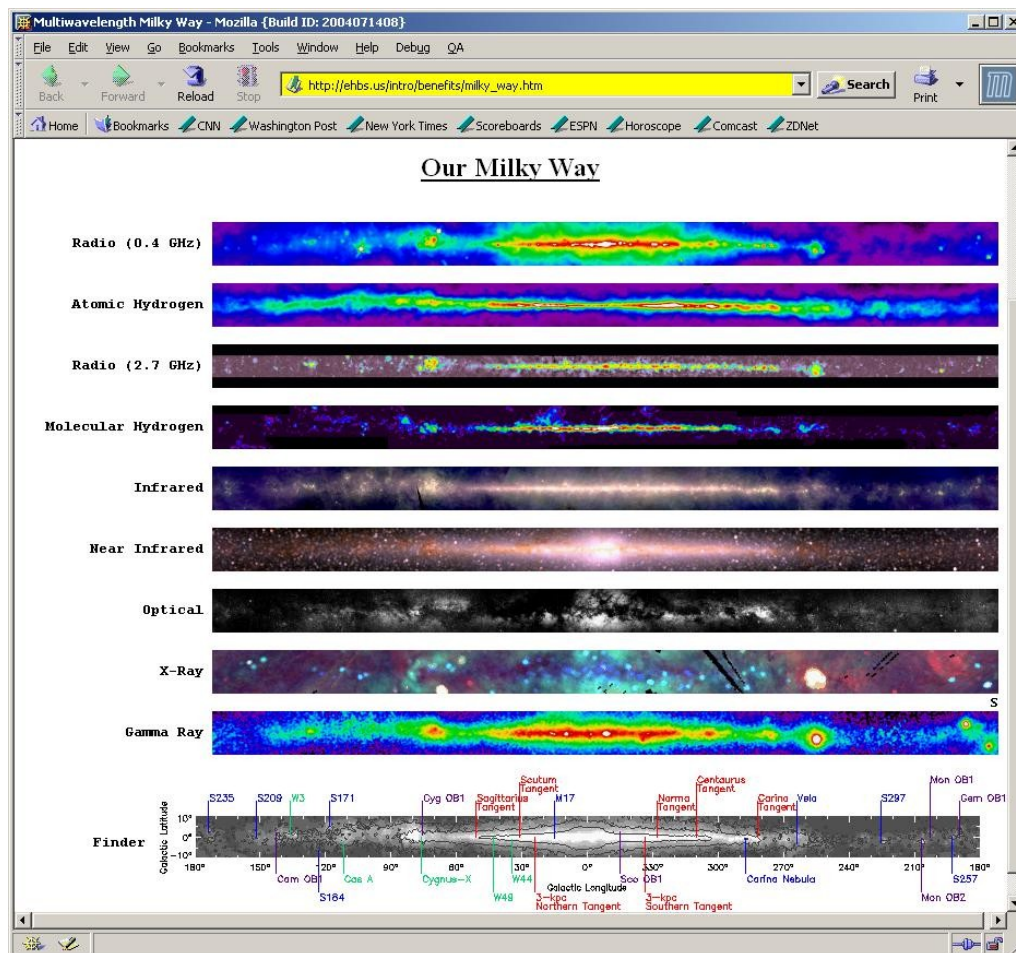
- [DOI's Screen Available and Exchange-Sales \(SAVES\)- Property](#)
- [DOJ's Bulletproof Vests Partnership Program \(BVP\)- Grants](#)
- [DOJ's Local Law Enforcement Block Grants \(LLEBG\) - Grants](#)
- [DOJ's Office of Justice Program IT Initiatives \(OJP IT\) - Grants](#)
- [DOJ's Southwest Border 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](#)

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Done

Navigation icons: Back, Forward, Home, Stop, Reload, Print, Find, Zoom In, Zoom Out, Full Screen, Refresh, Close

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





# 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]



# **All the world's a stage ...**

**Jaques:**

**All the world's a stage,  
And all the men and women merely players;  
They have their exits and their entrances,  
And one man in his time plays many parts,  
His acts being seven ages.**

**William Shakespeare**

**As You Like It, Act 2, Scene 7.**

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



# Theatre of Dionysus- Athens, Greece



# For More Details



File Edit View History Bookmarks Tools Help

EHBs Home Page

ehbs.us

Search

Complex Process Management Using PLs and EHBs [Where Shakespeare Meets Freud]



## Complex Process Management Using Process Libraries and Electronic Handbooks

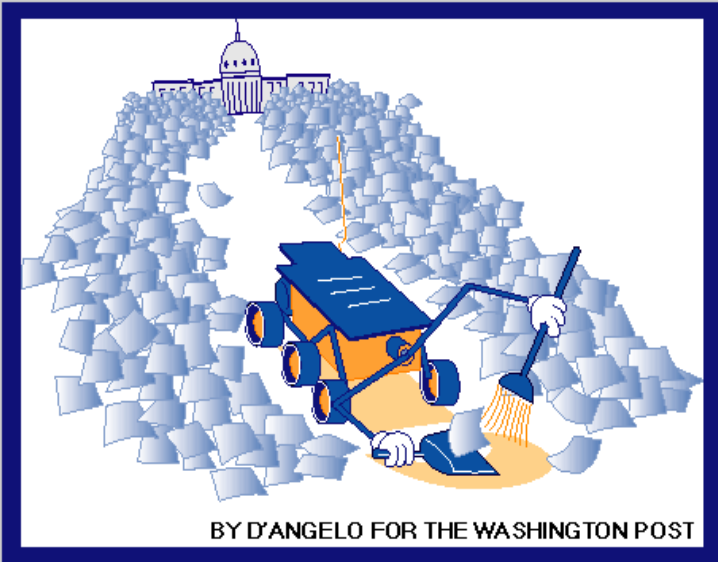
[Where Shakespeare Meets Freud]

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- [2. Some Quick Summaries](#)
- [3. Some Applications](#)
- [4. In The Press](#)
- [5. Experiences](#)
- [6. Some Papers](#)
- [7. Some Demonstration Tools](#)
- [8. Some Subprocesses and Their Documentations](#)
- [9. Assembly Line Processes](#)
- [10. Benefits](#)

[White Paper Book](#)

[How Can I Apply These To My Organization's Processes?](#)



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Now: 64°F Sun: 83°F Mon: 60°F Tue: 62°F Wed: 76°F Thu: 78°F Fri: 62°F