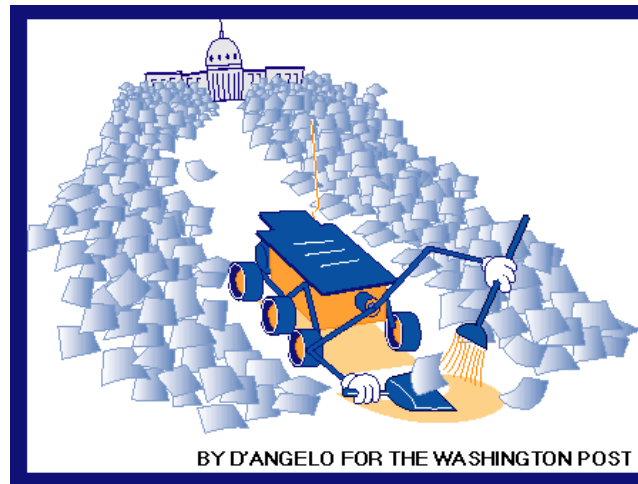


Builder Web Construction Projects Management Using Process Libraries and Electronic Handbooks (Where Shakespeare Meets Freud)



Summary



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

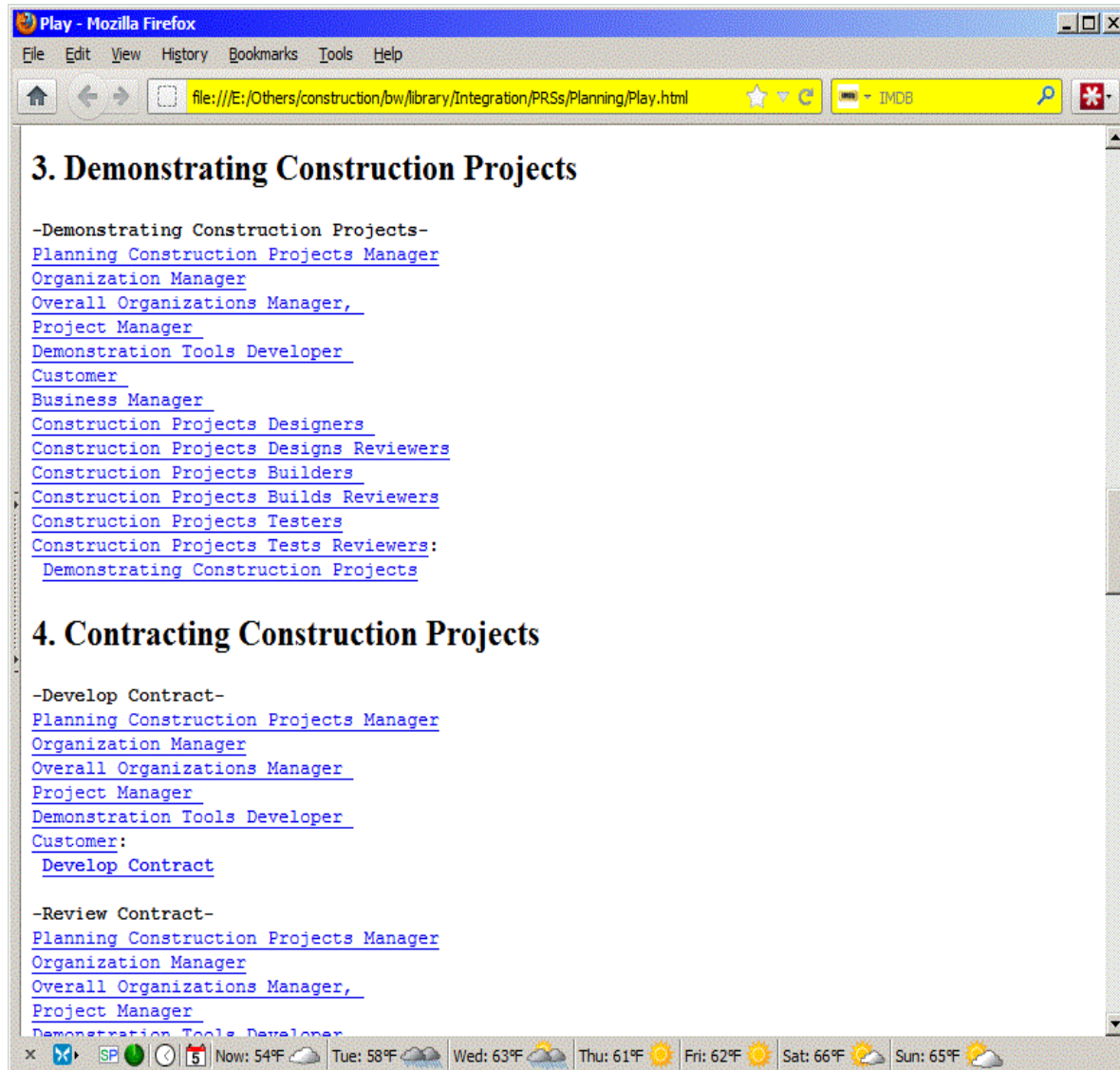
The Bottom Line:

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.



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.**

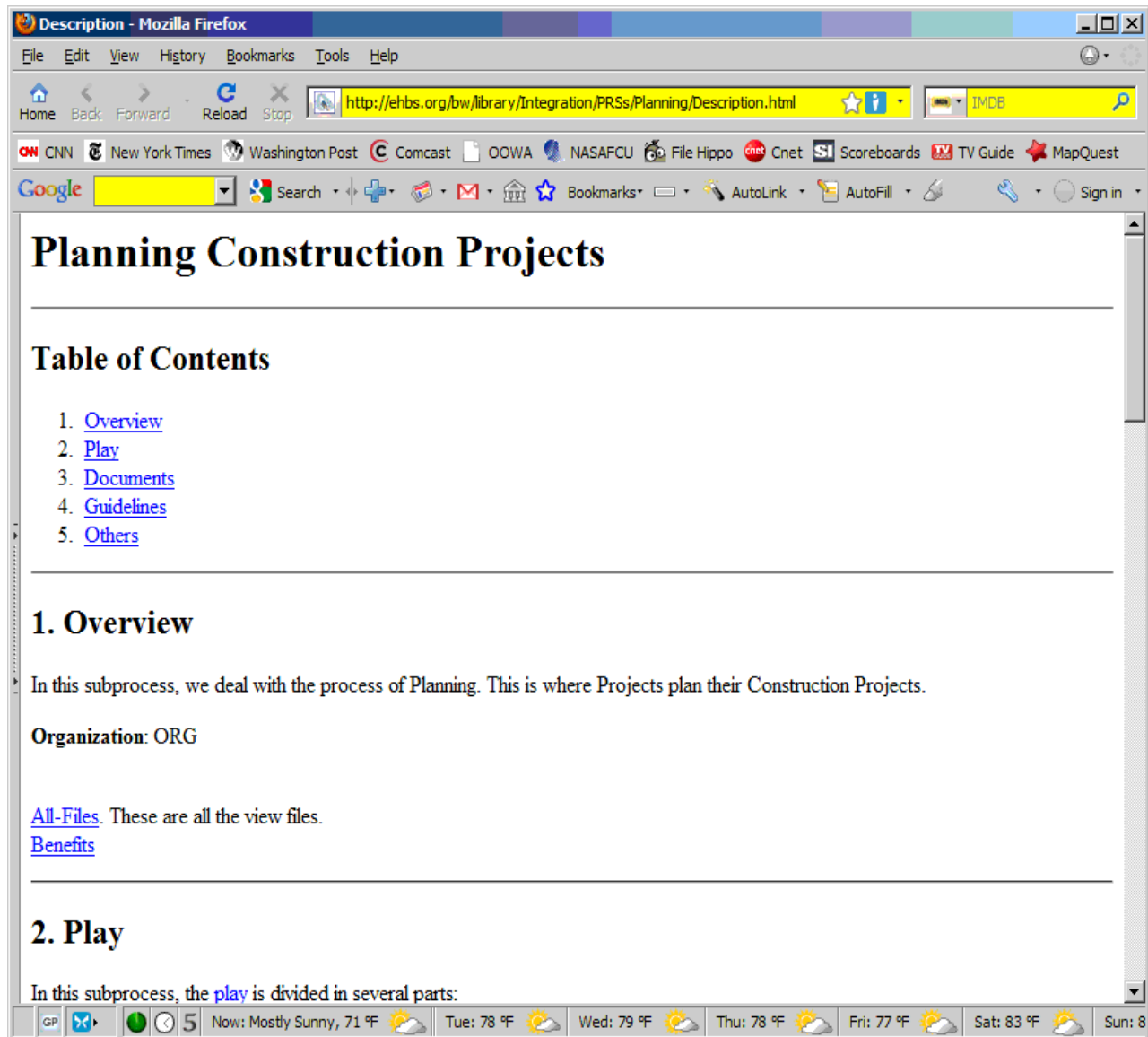
William Shakespeare

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 address bar displaying <http://ehbs.org/bw/library/Integration/PRSs/Planning/Description.html>. The page title is "Description - Mozilla Firefox". The page content includes a "Table of Contents" with links to Overview, Play, Documents, Guidelines, and Others. The "1. Overview" section describes the planning subprocess and lists organization, files, and benefits. The "2. Play" section begins to describe the play subprocess.

Planning Construction Projects

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 Construction Projects.

Organization: ORG

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

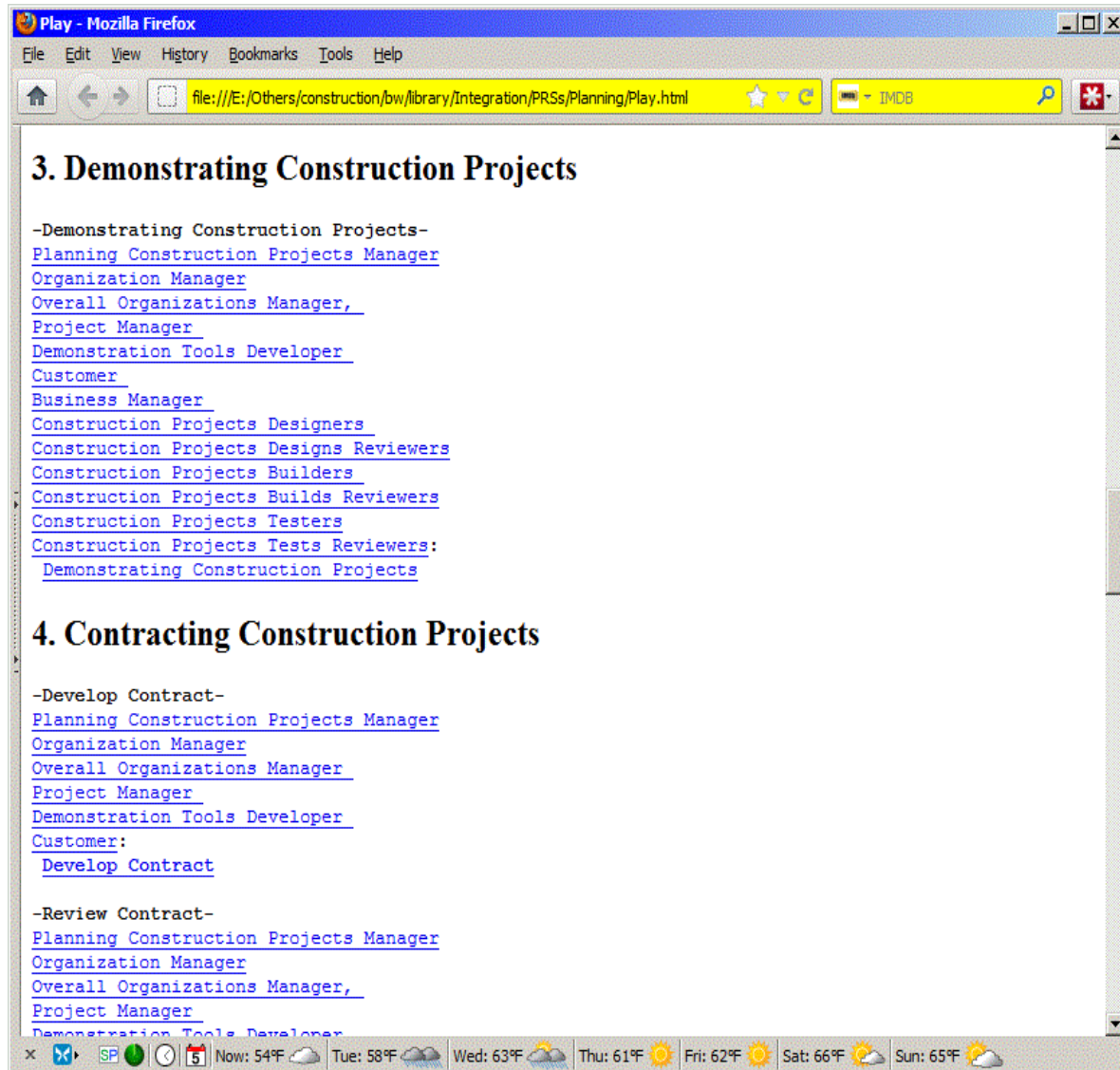
[Benefits](#)

2. Play

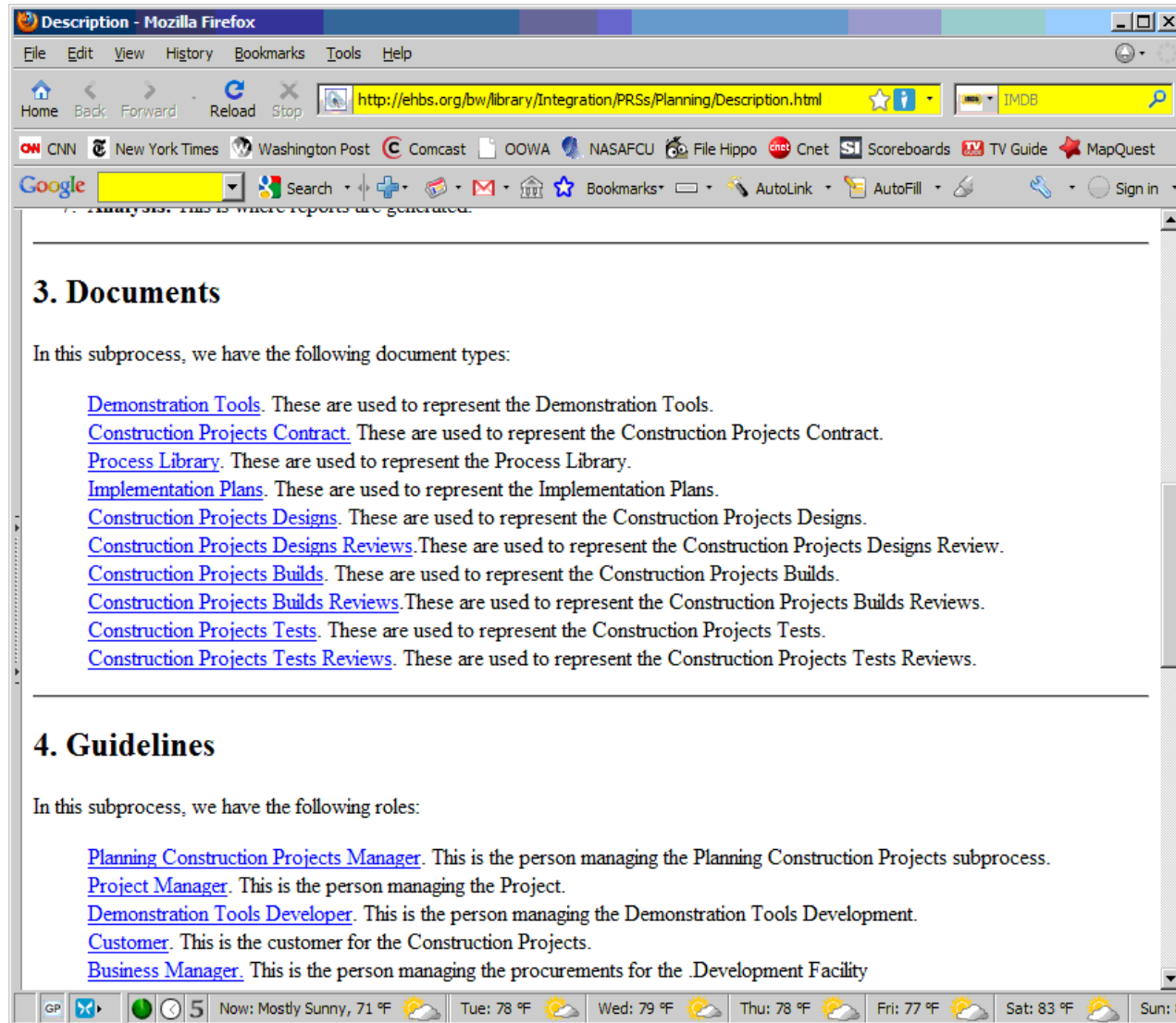
In this subprocess, the [play](#) is divided in several parts:

GP [Clock] 5 Now: Mostly Sunny, 71 °F Tue: 78 °F Wed: 79 °F Thu: 78 °F Fri: 77 °F Sat: 83 °F Sun: 8

Plays describe subprocess execution.



Documents describe subprocess data.



The screenshot shows a Mozilla Firefox browser window with the address bar displaying <http://ehbs.org/bw/library/Integration/PRSS/Planning/Description.html>. The page content is as follows:

3. Documents

In this subprocess, we have the following document types:

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

4. Guidelines

In this subprocess, we have the following roles:

- [Planning Construction Projects Manager](#). This is the person managing the Planning Construction Projects 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 Construction Projects.
- [Business Manager](#). This is the person managing the procurements for the Development Facility.

The browser's status bar at the bottom shows the current time as 5:00 and the weather as 'Now: Mostly Sunny, 71 °F'. The forecast for the next seven days is: Tue: 78 °F, Wed: 79 °F, Thu: 78 °F, Fri: 77 °F, Sat: 83 °F, Sun: 8

Guidelines describe user subprocesses.

[Construction Projects Tests Reviews](#). These are used to represent the Construction Projects Tests Reviews.

4. Guidelines

In this subprocess, we have the following roles:

- [Planning Construction Projects Manager](#). This is the person managing the Planning Construction Projects 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 Construction Projects.
- [Business Manager](#). This is the person managing the procurements for the .Development Facility
- [Construction Projects Designers](#). This is the person managing the Construction Projects designs..
- [Construction Projects Designs Reviewers](#). This is the person reviewing the Construction Projects designs..
- [Construction Projects Builders](#). This is the person building the Construction Projects..
- [Construction Projects Builds Reviewers](#). This is the person reviewing the Construction Projects.
- [Construction Projects Testers](#). This is the person testing the Construction Projects..
- [Construction Projects Tests Reviewers](#). This is the person reviewing the testing of the Construction Projects..
- [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.

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

Worksheet - Mozilla Firefox

File Edit View History Bookmarks Tools Help

Home Back Forward Reload Print Stop

file:///E:/Intro/summary/mock-ups/Worksheet.htm

IMDB

Subprocess Worksheet

Subprocess: Planning Construction Projects

In this subprocess, we deal with the planning of Construction Projects

| 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 Project Development . | Task Lead, Subtask Lead, Subtask Member, Reviewer, Approval Official, Project Manager, Documents Manager | James Green | 07/23/07 | 08/23/07 | Document Library | Instructions and Samples | James Green | 06/23/07 | 07/23/07 | Library: NS2034 |
| Critical Design Review (CDR) | The purpose of this task is to administer Critical Design Review (CDR).. | Task Lead, Subtask Lead, Subtask Member, Reviewer, Approval Official, Project Manager, Documents Manager | James Green | 06/23/07 | 06/23/07 | Critical Design Review (CDR)Documents | 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 |
| Resource Analysis Office | The purpose of this task is to administer Resource | Task Lead, Subtask Lead, Subtask Member, Reviewer, | James | | | Resource Analysis Office (RAO) Data Dump Documents | 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 |

Do...

Now: Sunny, 75° F

Tue: 87° F

Wed: 85° F

Thu: 85° F

Fri: 85° F

Sat: 87° F

Sun: 84° 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 |
| Subprocesses 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. |

Outline of Presentation:

- The Bottom Line-**
- Objectives-**
- Solution-**
- Where Shakespeare Meets Freud-**
- Some Applications-**
- Things Supported-**
- Examples-**
- Final Thoughts-**

Objective:

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

The screenshot shows a Mozilla Firefox browser window displaying a web page titled 'Construction Projects'. The address bar shows the URL <http://lincoln.gsfc.nasa.gov/bw/whatare/process.htm>. The page content is organized into several sections, each with a yellow header and a table of subprocesses.

Construction Projects

| Product Realization Subprocesses | | | | | | | | |
|----------------------------------------|--------------------------------|--------------------------|------------|------------------------|--------------|------------------------------|----------|---------------|
| Integrated Problems-Solutions Database | Planning Construction Projects | Solicitation Development | Submission | Review & Demonstration | Negotiations | Construction and Maintenance | Closeout | Post Closeout |

(Potential Customers: Construction Clients)

| 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: Construction Clients)

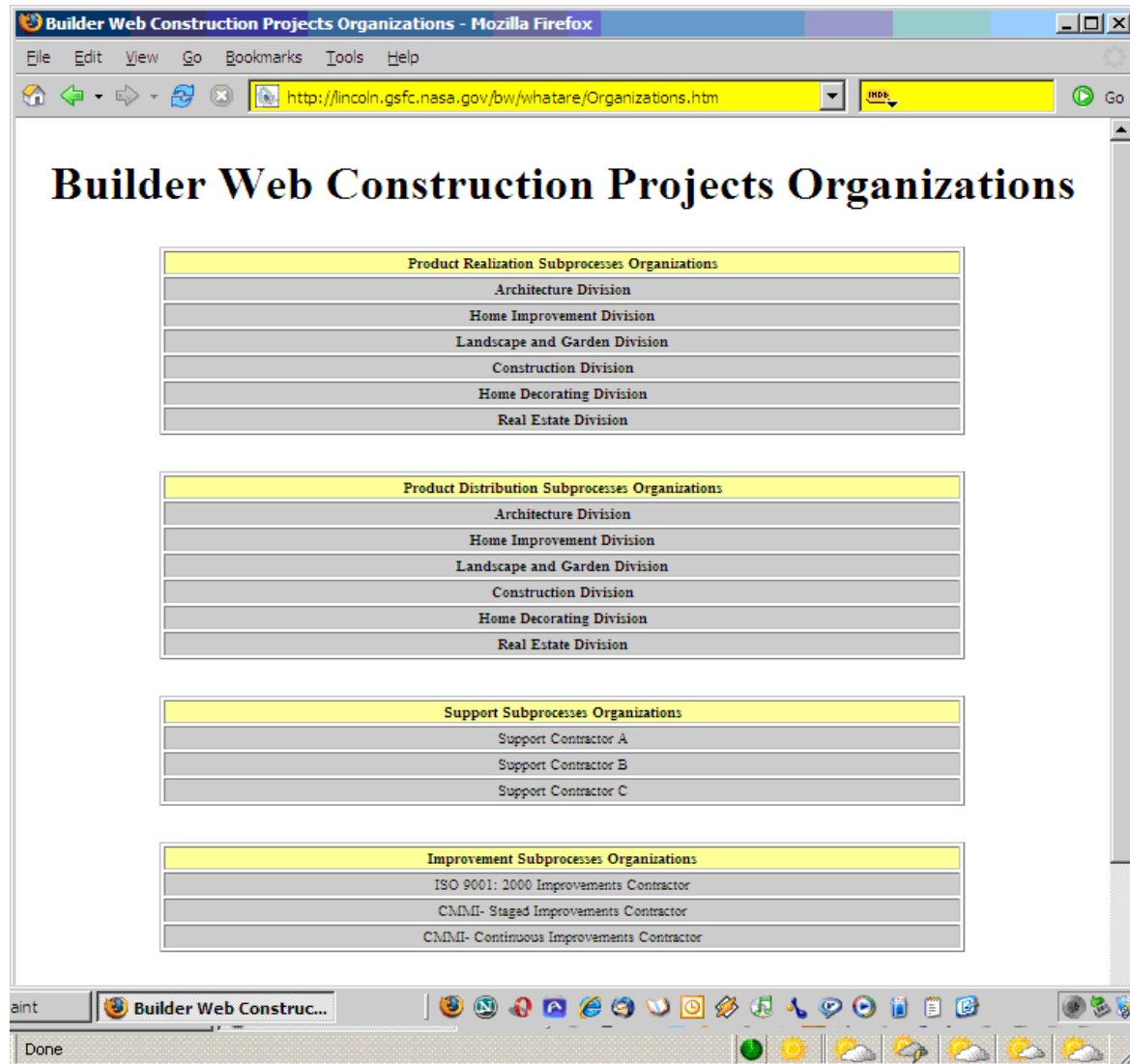
| Support Subprocesses | | | | | | | | |
|----------------------|--------------------------------------------|--------------------------------------------------------|----------------------|-----------------------------------|-----------------------|----------|------------------------------------|----------------|
| 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 status bar at the bottom shows the system clock as 5:05, the current weather as 'Now: Sunny, 83 °F', and a forecast for the next four days: Sat: 87 °F, Sun: 85 °F, Mon: 80 °F, Tue: 85 °F, Wed: 84 °F, Thu: 81 °F.

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



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 |
|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| 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. |

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

Views - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

file:///E:/Others/construction/bw/summary/mock-ups/views.htm GSpace Go

CNN Wash Post NY Times Horoscope SI.com Scoreboards NASAFU Comcast Bandwidth File Hippo ZDNet

Google Search PageRank ABC Check AutoLink Subscribe

Views

Total 11 Entries

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

Subprocess: **Planning Construction Projects** (T4-3-00-00)

[Create View](#)

| View | Steps |
|-----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Architecture Division Lee, Geoff (geoff.lee@bw.com) Fetch | Update Copy Delete |
| Home Improvement Division Bogue, Rodney (rod.bogue@bw.com) Fetch | Update Copy Delete |
| Landscape and Garden Division Kim, Walter S. (walter.s.kim@bw.com) Fetch | Update Copy Delete |
| Construction Division Chern, Dr. E. James (Engmin.J.Chern@bw.com) Fetch | Update Copy Delete |
| Home Decorating Division Ray, Carl G. (carl.g.ray@bw.com) Fetch | Update Copy Delete |
| Real Estate Division Schober, Wayne R. (Wayne.R.Schober@jpl.bw.com) Fetch | Update Copy Delete |

Done 0.171s McAfee SiteAdvisor Adblock

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

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. |

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





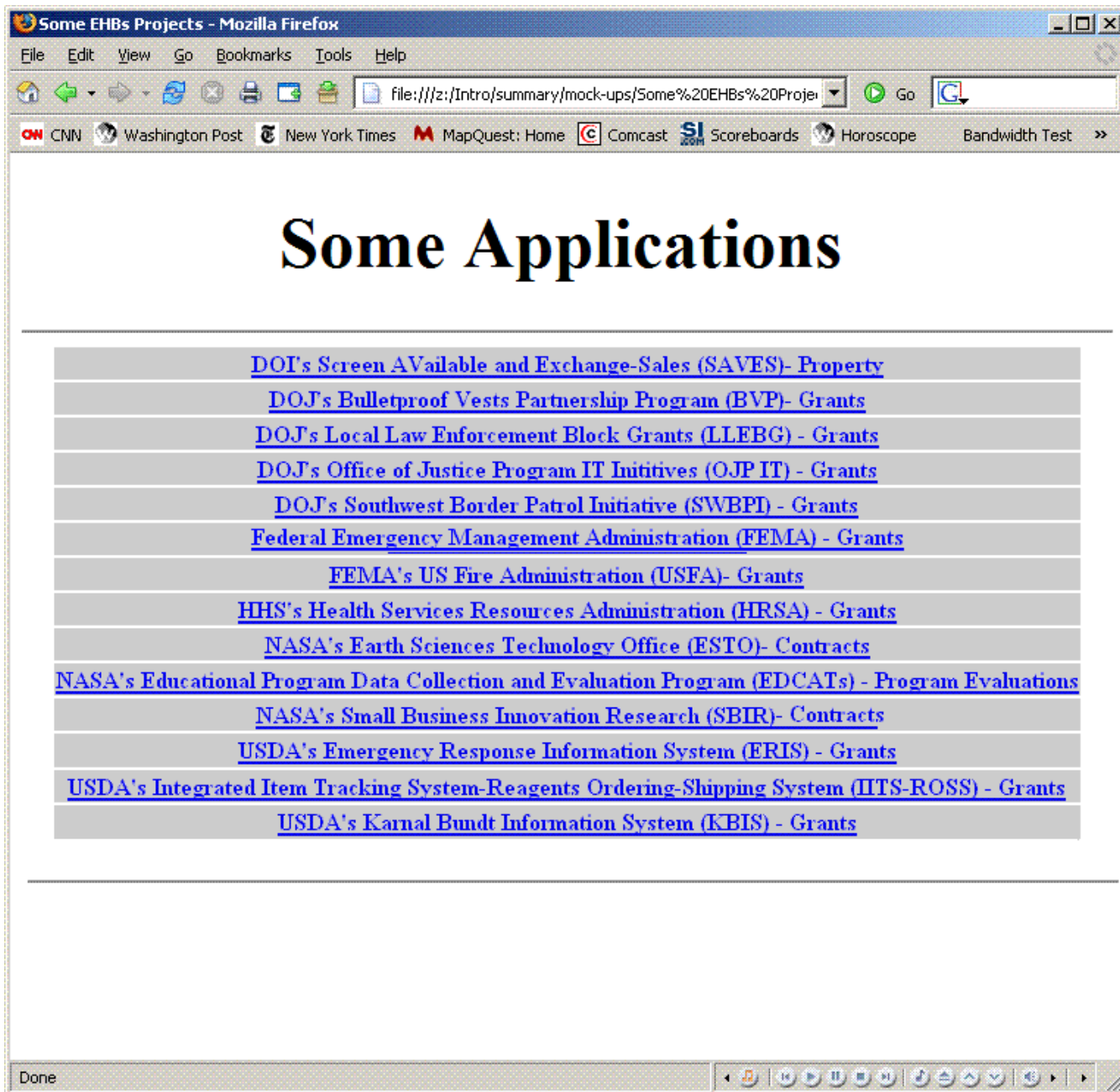
Process Libraries (PLs) and Electronic Handbooks (EHBs) are where Shakespeare meets Freud.



- 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]

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





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.

- **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 all 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.

Subprocess/Play Developments that are supported.

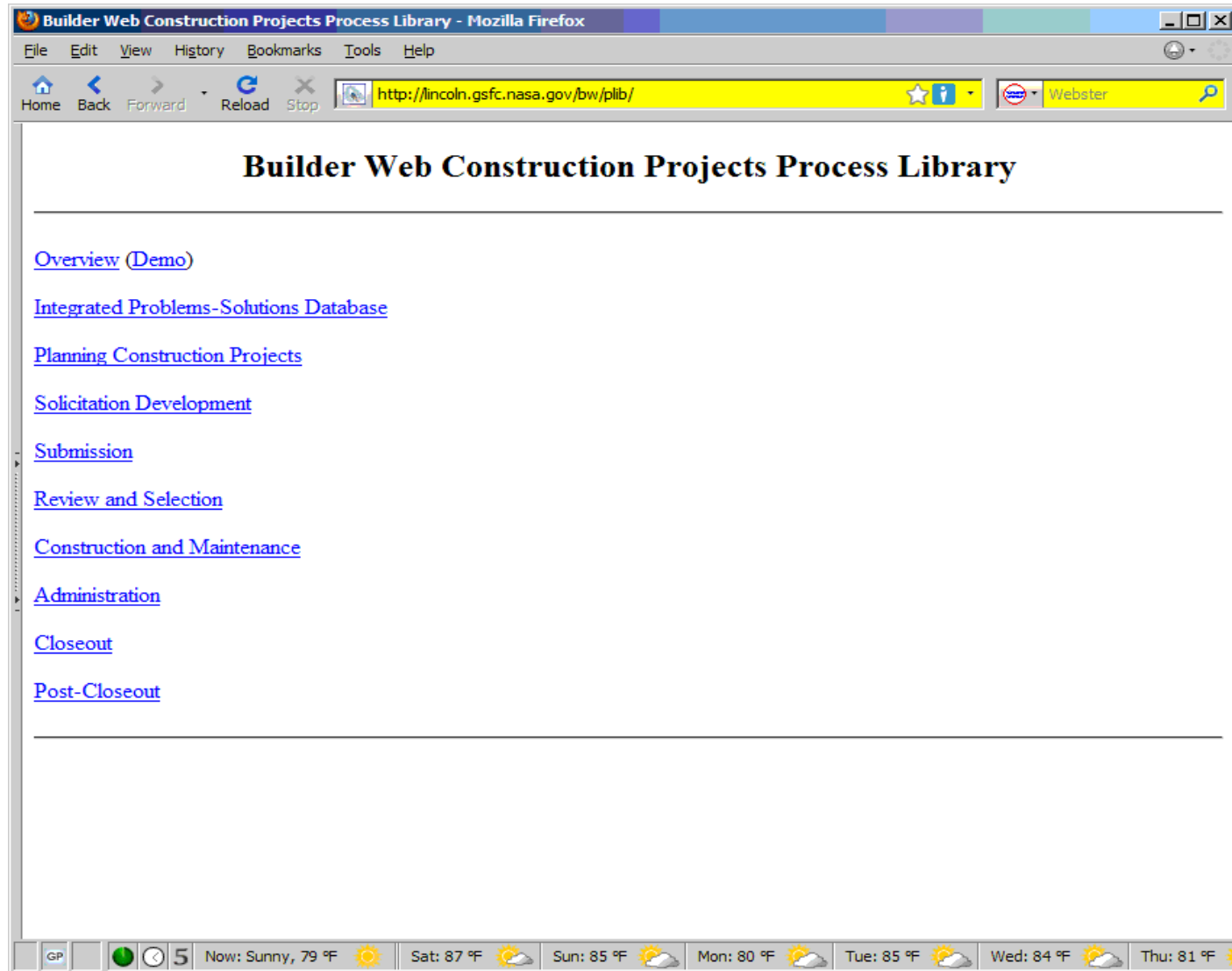
- Presentation & Paper/Marketing.** The approach supports presentation & paper/marketing using the contents of Descriptions, Plays, Documents, Guidelines, Worksheets, Contacts, References, and Credits.
- Worksheet/Outlining.** The approach supports worksheet/outlining using the drafting of Descriptions, 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.

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.

Examples

Process Libraries are organized by subprocesses.



View Tools show how organizations view their subprocesses.

Views - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

file:///E:/Others/construction/bw/summary/mock-ups/views.htm GSpace Go

CNN Wash Post NY Times Horoscope SI.com Scoreboards NASAFU Comcast Bandwidth File Hippo ZDNet

Google Search PageRank ABC Check AutoLink Subscribe

Views

Total 11 Entries

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

Subprocess: **Planning Construction Projects** (T4-3-00-00)

[Create View](#)

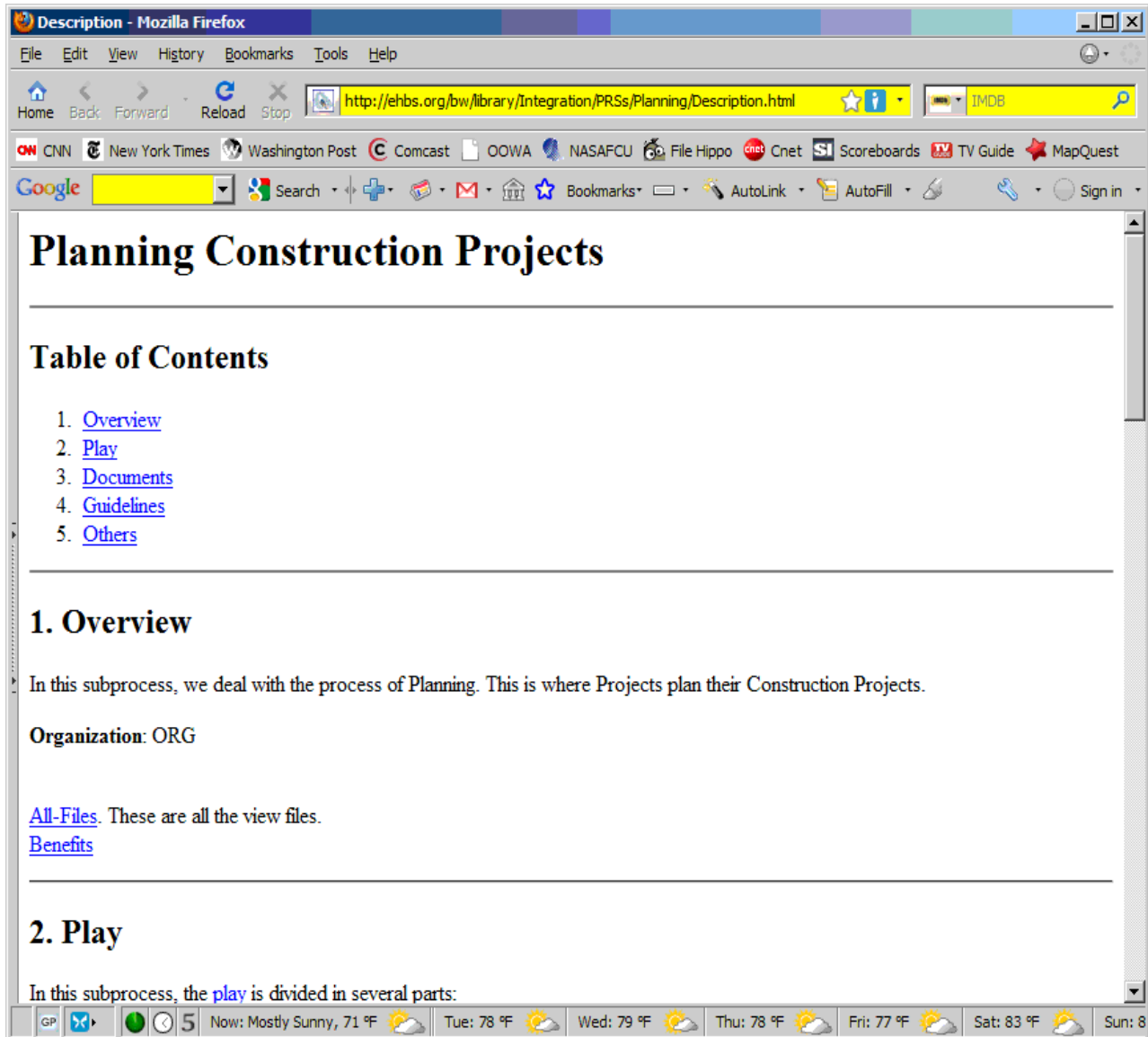
| View | Steps |
|-----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Architecture Division Lee, Geoff (geoff.lee@bw.com) Fetch | Update Copy Delete |
| Home Improvement Division Bogue, Rodney (rod.bogue@bw.com) Fetch | Update Copy Delete |
| Landscape and Garden Division Kim, Walter S. (walter.s.kim@bw.com) Fetch | Update Copy Delete |
| Construction Division Chern, Dr. E. James (Engmin.J.Chern@bw.com) Fetch | Update Copy Delete |
| Home Decorating Division Ray, Carl G. (carl.g.ray@bw.com) Fetch | Update Copy Delete |
| Real Estate Division Schober, Wayne R. (Wayne.R.Schober@jpl.bw.com) Fetch | Update Copy Delete |

Done 0.171s McAfee SiteAdvisor Adblock

Subprocess View Tools contain the envelope of related files.



Descriptions summarize subprocesses.



The screenshot shows a Mozilla Firefox browser window with the address bar displaying <http://ehbs.org/bw/library/Integration/PRs/Planning/Description.html>. The page title is "Description - Mozilla Firefox". The page content includes a "Table of Contents" with links to Overview, Play, Documents, Guidelines, and Others. The "1. Overview" section describes the planning subprocess and lists "All-Files" and "Benefits". The "2. Play" section begins with a statement about the subprocess being divided into parts.

Planning Construction Projects

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 Construction Projects.

Organization: ORG

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

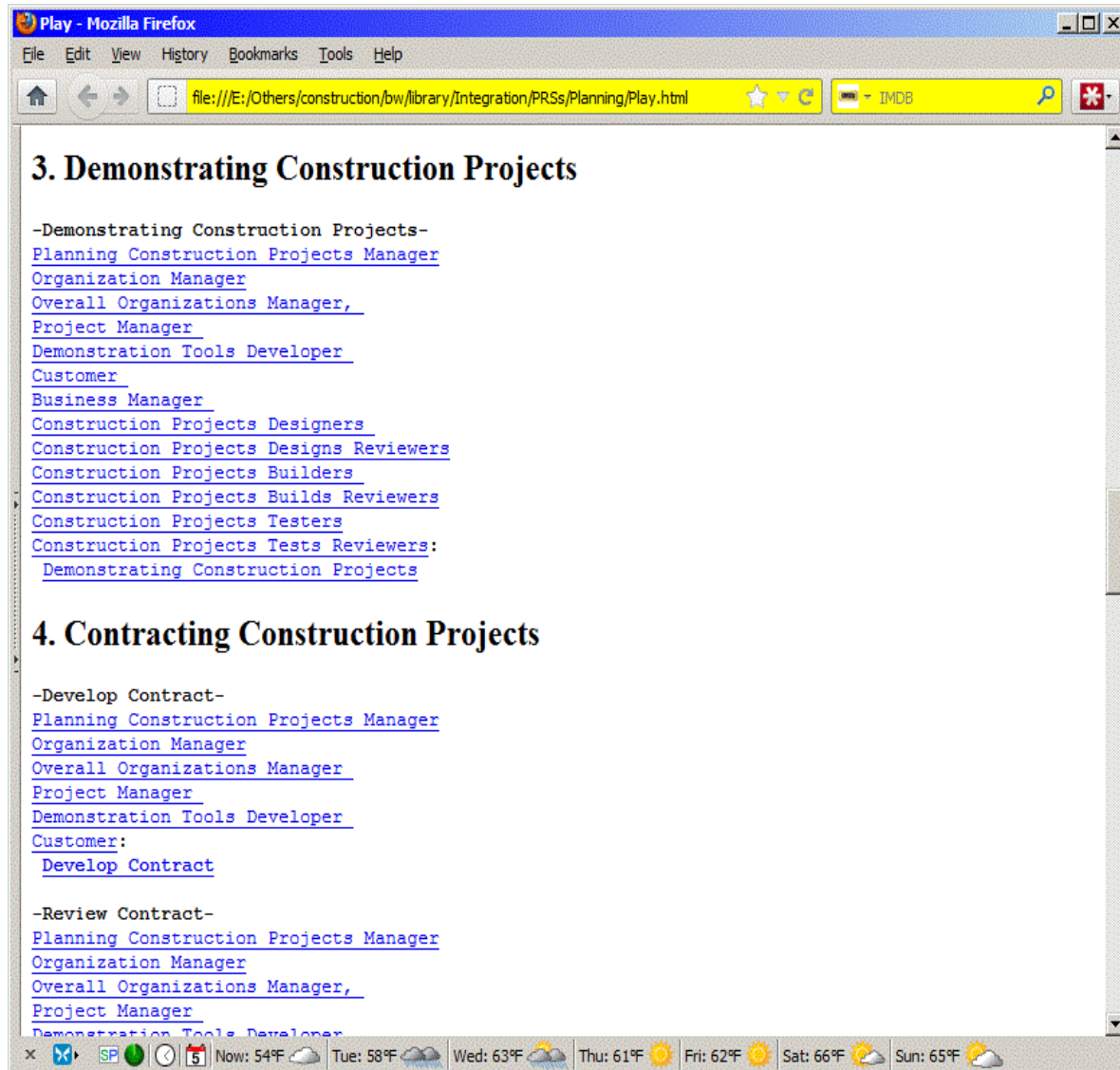
[Benefits](#)

2. Play

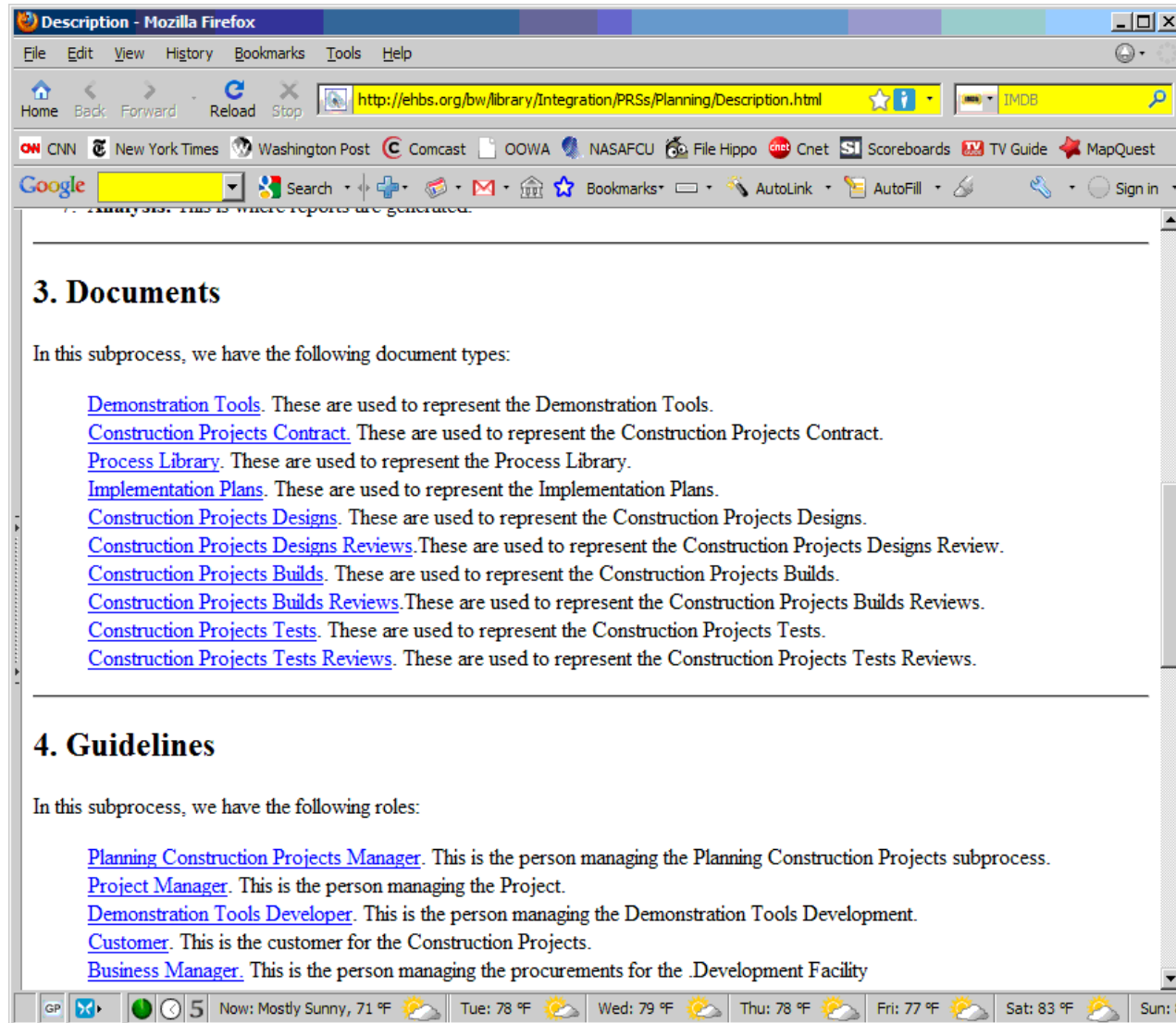
In this subprocess, the [play](#) is divided in several parts:

The browser's status bar at the bottom shows the date and time as 5:00, and the weather as "Now: Mostly Sunny, 71 °F". The forecast for the next few days is: Tue: 78 °F, Wed: 79 °F, Thu: 78 °F, Fri: 77 °F, Sat: 83 °F, Sun: 8

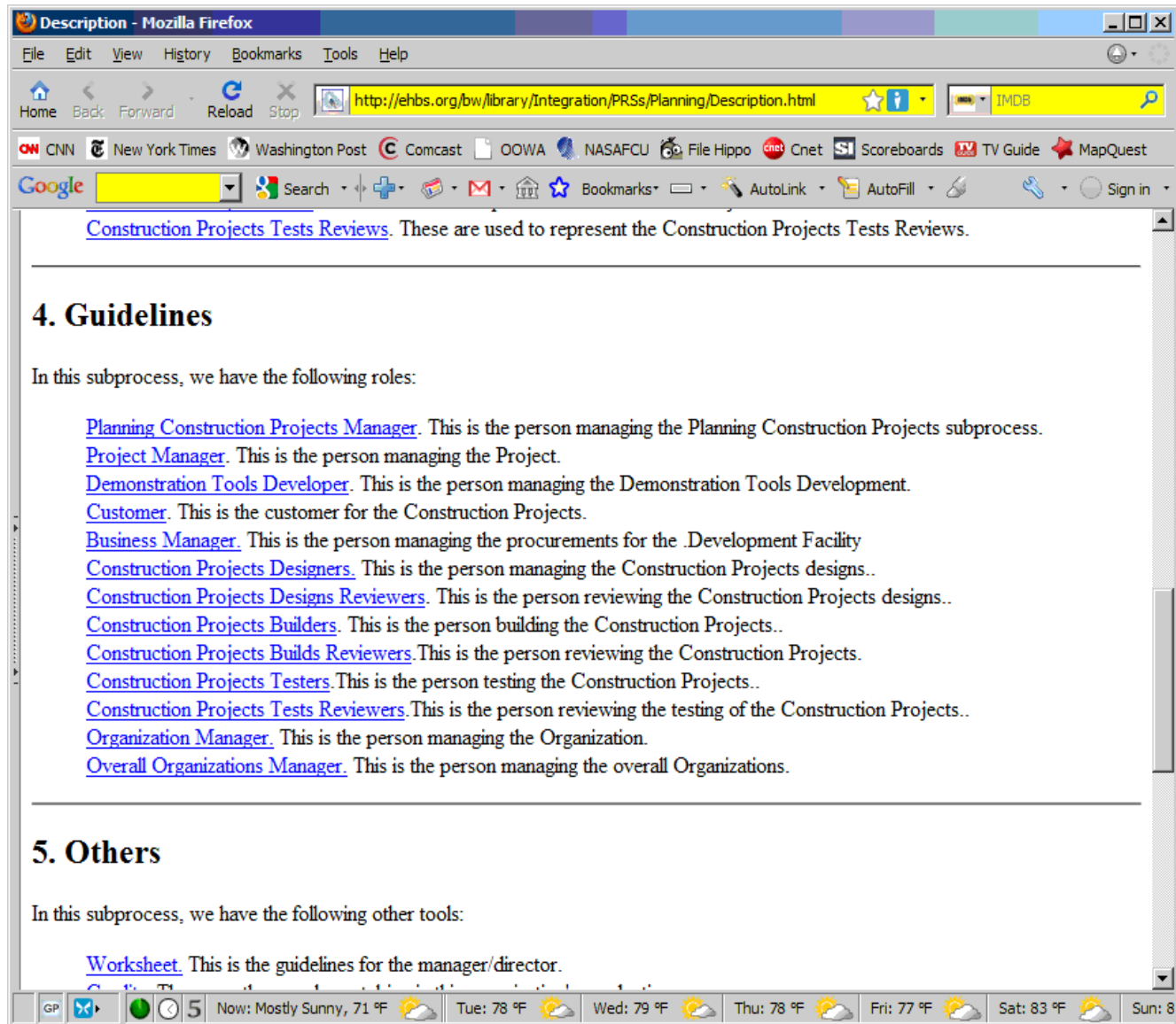
Plays describe subprocess execution.



Documents describe subprocess data.



Guidelines describe user subprocesses.



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

Worksheet - Mozilla Firefox

File Edit View History Bookmarks Tools Help

Home Back Forward Reload Print Stop

file:///E:/Intro/summary/mock-ups/Worksheet.htm

IMDB

Subprocess Worksheet

Subprocess: Planning Construction Projects

In this subprocess, we deal with the planning of Construction Projects

| 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 Project Development . | Task Lead, Subtask Lead, Subtask Member, Reviewer, Approval Official, Project Manager, Documents Manager | James Green | 07/23/07 | 08/23/07 | Document Library | Instructions and Samples | James Green | 06/23/07 | 07/23/07 | Library: NS2034 |
| Critical Design Review (CDR) | The purpose of this task is to administer Critical Design Review (CDR).. | Task Lead, Subtask Lead, Subtask Member, Reviewer, Approval Official, Project Manager, Documents Manager | James Green | 06/23/07 | 06/23/07 | Critical Design Review (CDR)Documents | 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 |
| Resource Analysis Office | The purpose of this task is to administer Resource | Task Lead, Subtask Lead, Subtask Member, Reviewer, | James | | | Resource Analysis Office (RAO) Data Dump Documents | 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 |

Do...

Now: Sunny, 75° F

Tue: 87° F

Wed: 85° F

Thu: 85° F

Fri: 85° F

Sat: 87° F

Sun: 84° F

References list other related resources.



Credits acknowledge people's contributions.



Integration Tools facilitate subprocess integration.

Fetch Integration - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

file:///E:/Others/construction/bw/summary/mock-ups/Integrations. GSpace Go

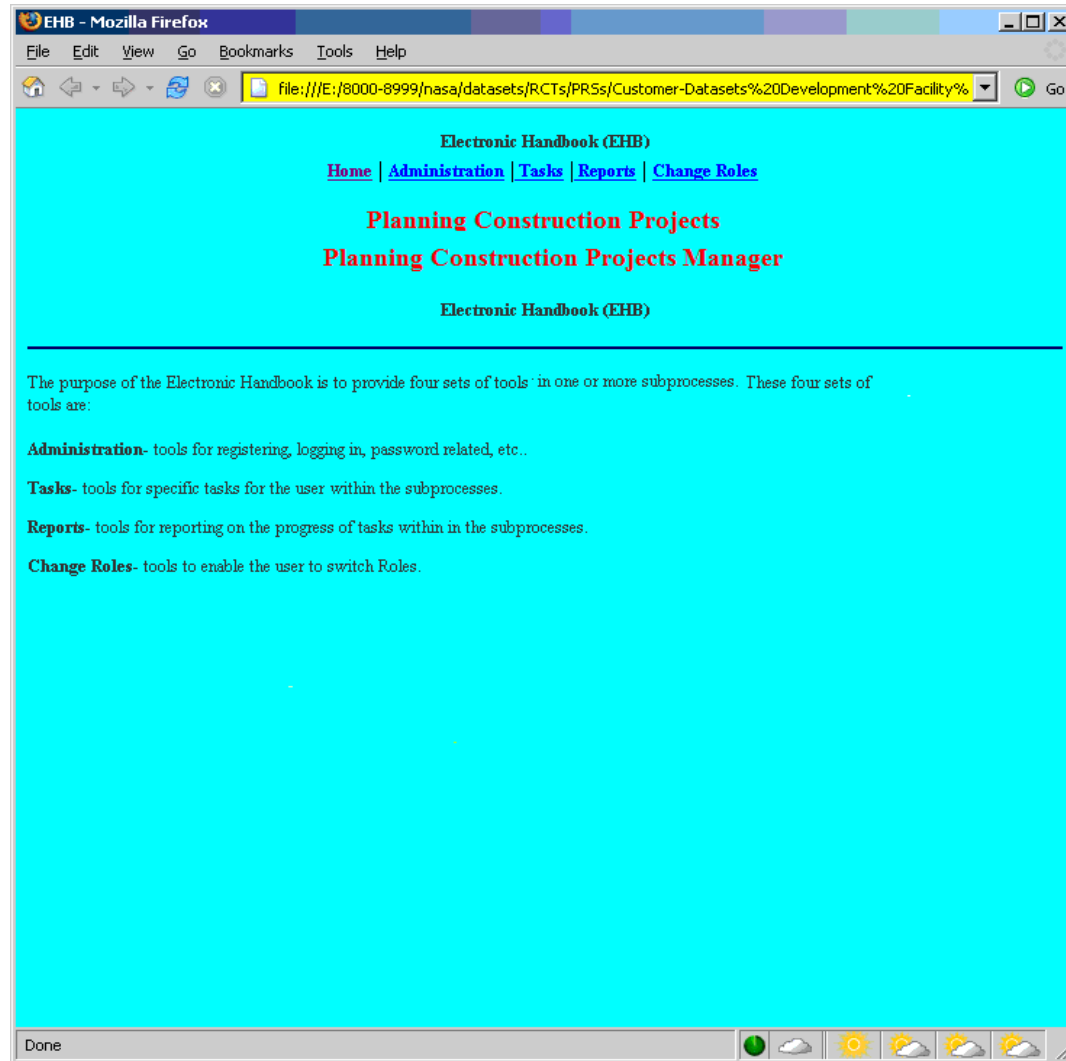
Fetch Integration

| Read Integration | |
|------------------|----------------------------------|
| Classification | Product Realization Subprocesses |
| Subprocess | Planning Construction Projects |
| Type | Guidelines |
| Title | Subprocess Manager |
| Id | T4-4-3-00 |
| Integration Uri | Fetch |
| Ordinal | 33 |
| Date Created | 03-MAY-2005 |
| Date Updated | 18-MAY-2005 |


| Samples From Views | |
|-----------------------------------------------|--------------------------------------------------------|
| Architecture Division | Date Created: 23-Jun-2005 Date Updated: 23-Jun-2005 |
| Fetch | |
| Home Improvement Division | Date Created: 23-Jun-2005 Date Updated: 23-Jun-2005 |
| Fetch | |
| Landscape and Garden Division | Date Created: 23-Jun-2005 Date Updated: 23-Jun-2005 |
| Fetch | |
| Construction Division | Date Created: 23-Jun-2005 Date Updated: 23-Jun-2005 |
| Fetch | |
| Home Decorating Division | Date Created: 23-Jun-2005 Date Updated: 23-Jun-2005 |
| Fetch | |
| Real Estate Division | Date Created: 23-Jun-2005 Date Updated: 23-Jun-2005 |
| Fetch | |

Dr... Integrations - ...

Electronic Handbooks (EHBs) facilitate the execution of subprocesses.



Demonstration Tools introduce the concepts to a community in their terms.




Builder Web - Mozilla Firefox

File Edit View History Bookmarks Tools Help

ehbs.org/bw/

Builder Web - Construction Projects


Process Libraries (PLs) and Electronic Handbooks (EHBs)
[Where Shakespeare Meets Freud]

1. [What Are PLs and EHBs?](#)
2. [Summary](#)
3. [Some Applications](#)
4. [In The Press](#)
5. [Experiences](#)
6. [Some Demonstration Tools](#)
7. [Some Subprocesses and Their Documentations](#)
8. [Assembly Line Processes](#)
9. [Benefits](#)

[White Paper](#)
[Book](#)

U.S. GOVERNMENT COMPUTER
If not authorized to access this system, disconnect now.

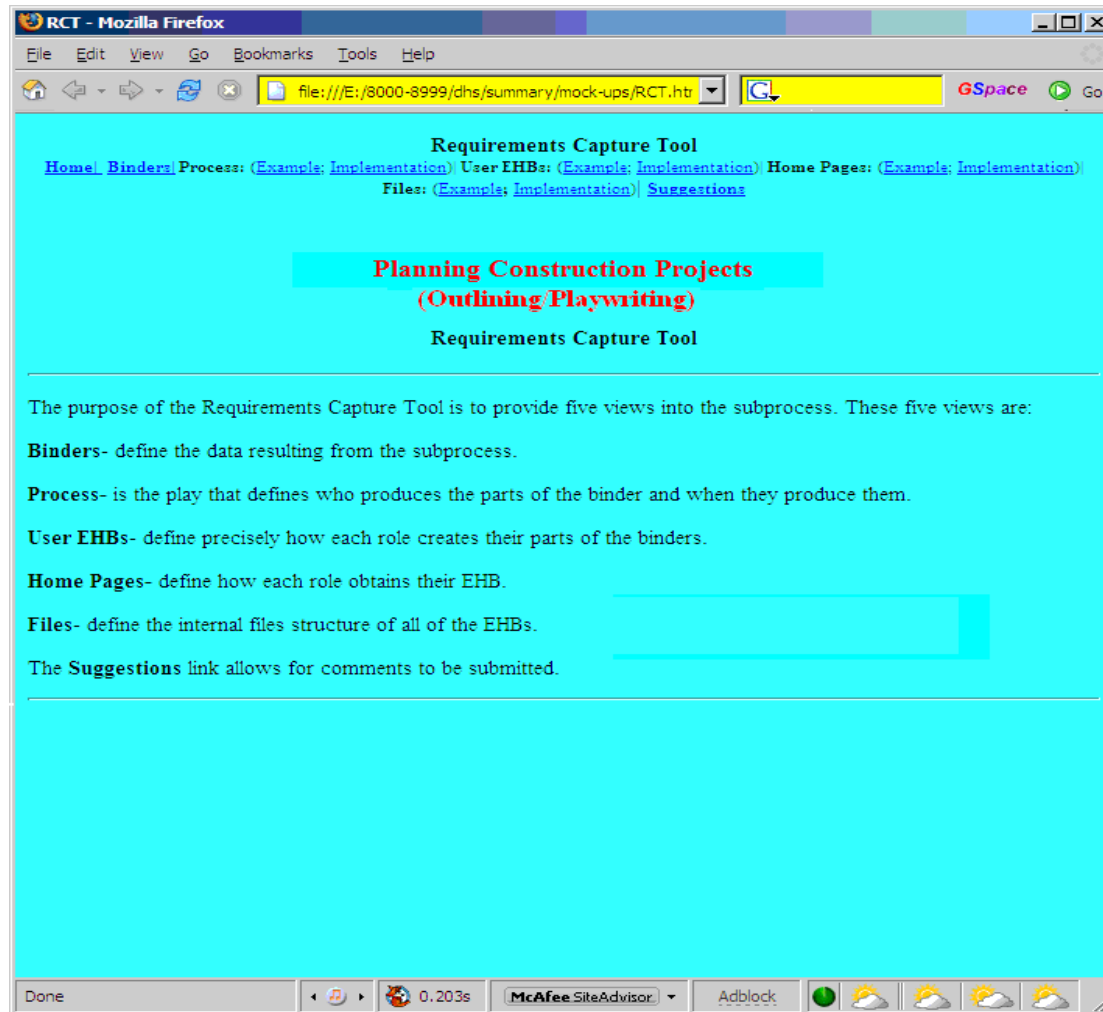
 **YOU SHOULD HAVE NO EXPECTATION OF PRIVACY**
By continuing, you consent to your keystrokes and data content being monitored.

[NASA Privacy Security Notices](#)

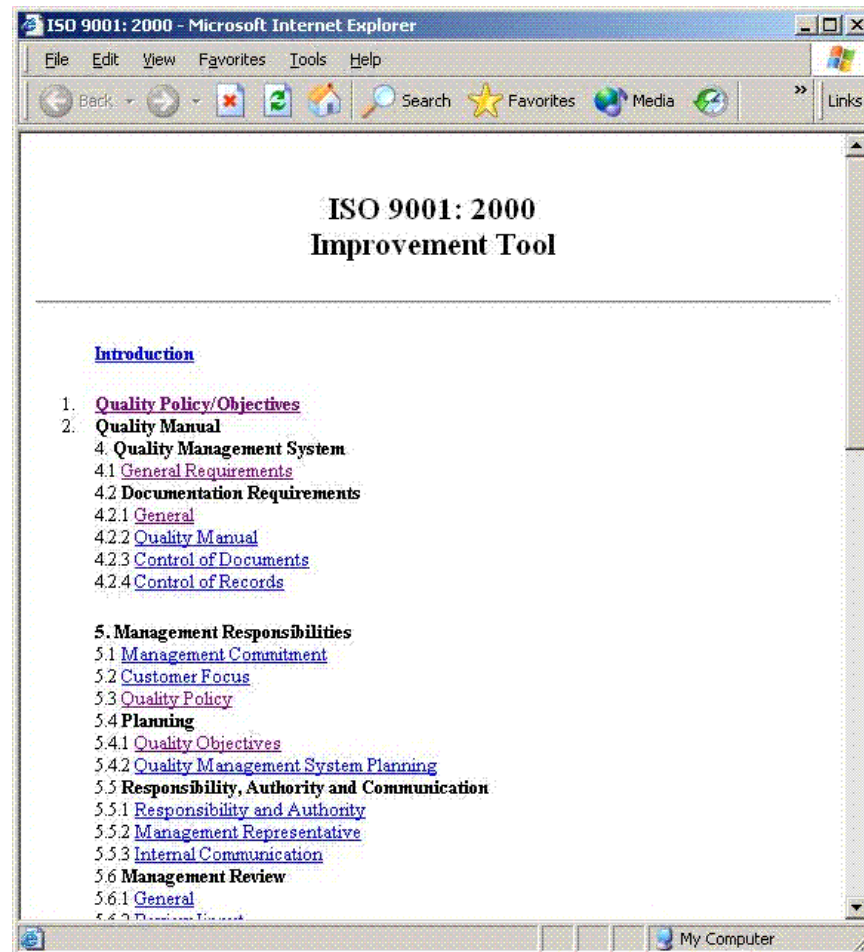
Last Modified: June 23, 2005
Curator: [Dr. Barry E. Jacobs](#)
NASA Official: [Dr. Barry E. Jacobs](#)

Now: 43°F Wed: 46°F Thu: 59°F Fri: 41°F Sat: 38°F Sun: 38°F Mon: 36°F

Requirements Capture Tools (RCTs) facilitate subprocess development.

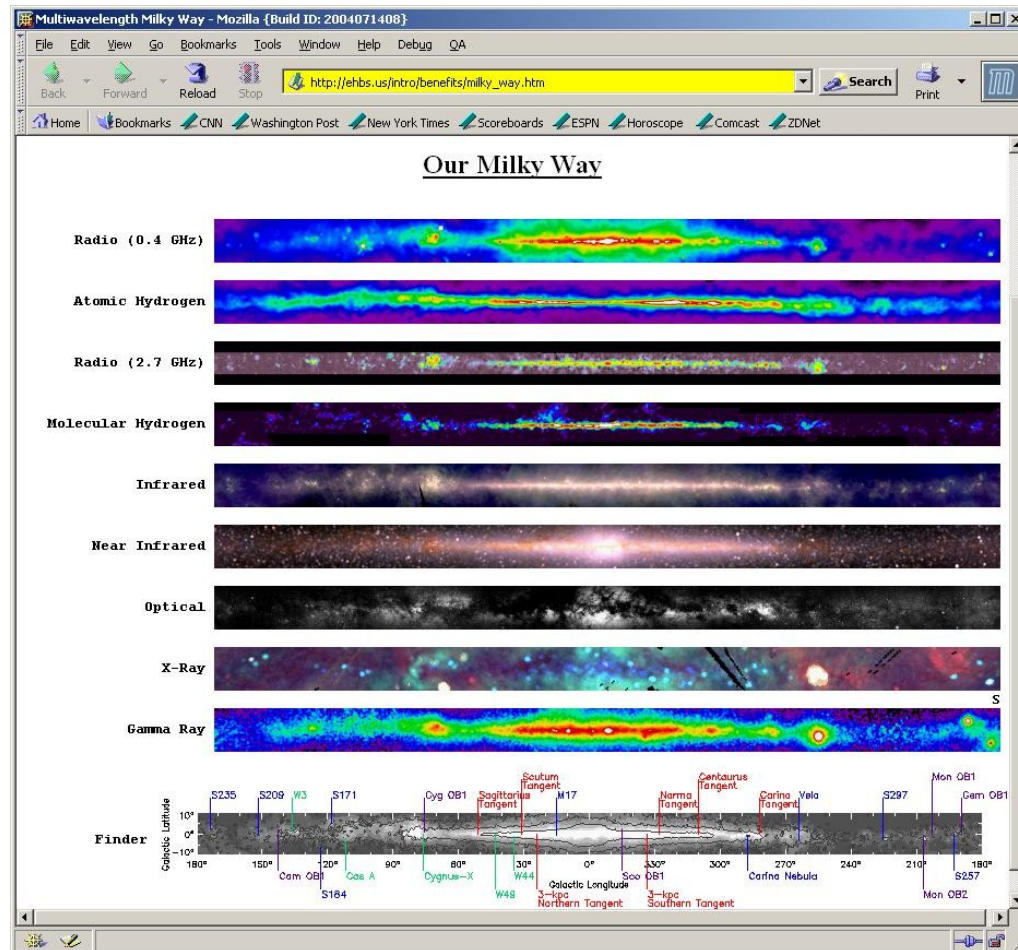


Improvement Tools facilitate subprocess improvement.



Final Thoughts

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



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.

Some Effects of Separation

**"Men hate each other because they fear each other;
They fear each other because they don't know each other;
They don't know each other because they can't communicate with each other;
They can't communicate with each other because they are separated from each other. "**

**Dr. Martin Luther King Jr.
September 3, 1957**

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

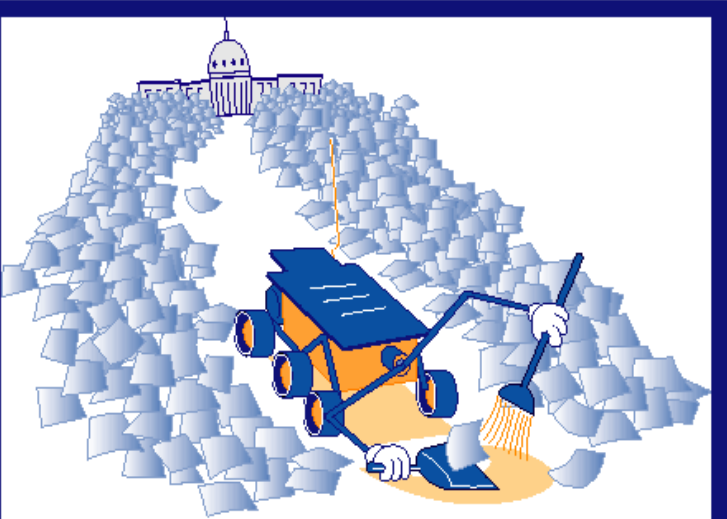
[Where Shakespeare Meets Freud]

[Home](#)

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- [2. Some Quick Summaries](#)
- [3. Some Applications](#)
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- [7. Some Demonstration](#)
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- [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?](#)



BY D'ANGELO FOR THE WASHINGTON POST

Dr. Barry E. Jacobs
barry.e.jacobs@comcast.net
(301) 681-7816
[\[Mini-Bio\]](#)

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