

NASA IT Planning Management Using Process Libraries and Electronic Handbooks

(Where Shakespeare Meets Freud)



Demonstration



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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.

Play - Mozilla Firefox

File Edit View History Bookmarks Tools Help

file:///E:/8000-8999/nasa/IT-planning/library/Integration/PRs/Planning/Play.html

3. Demonstrating IT Planning

-Demonstrating IT Planning-

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

4. Contracting IT Planning

-Develop Contract-

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

-Review Contract-

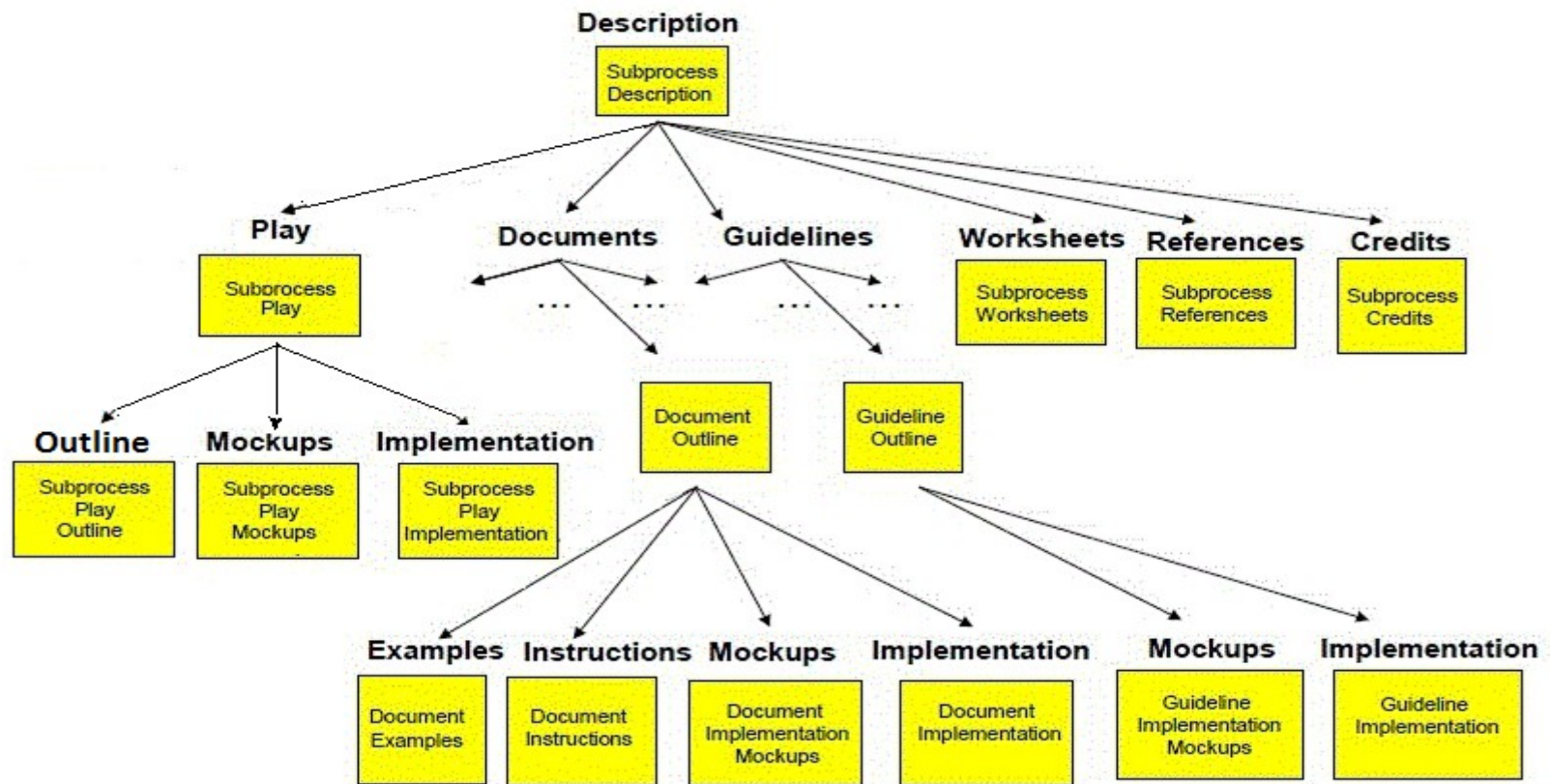
- [IT Planning Manager](#)
- [Organization Manager](#)
- [Overall Organizations Manager,](#)
- [Project Manager](#)
- [Demonstration Tools Developer](#)

Now: 54°F Tue: 58°F Wed: 63°F Thu: 61°F Fri: 62°F Sat: 66°F Sun: 65°F

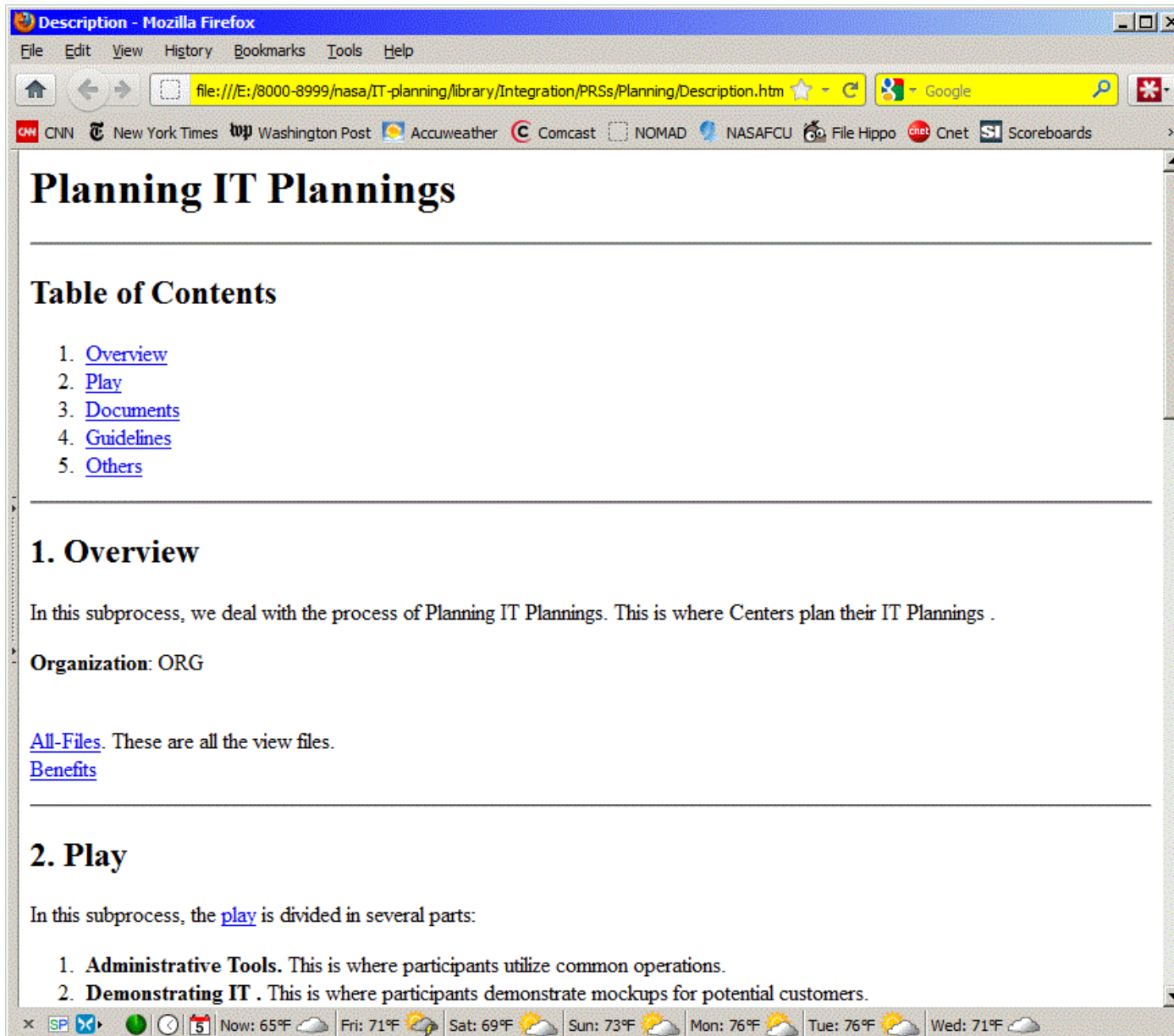
Benefits:

- 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 with the following content:

- Address Bar:** file:///E:/8000-8999/nasa/IT-planning/library/Integration/PRSS/Planning/Description.htm
- Navigation:** Home, Back, Forward, Stop, Refresh buttons.
- Search:** Google search bar.
- Bookmarks:** CNN, New York Times, Washington Post, Accuweather, Comcast, NOMAD, NASAFCU, File Hippo, Cnet, Scoreboards.
- Main Content:**
 - ## Planning IT Plannings
 -
 - ### 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 IT Plannings. This is where Centers plan their IT Plannings .

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 IT .** This is where participants demonstrate mockups for potential customers.

System Tray: Shows system icons for network, volume, and a weather forecast for the week (Now: 65°F, Fri: 71°F, Sat: 69°F, Sun: 73°F, Mon: 76°F, Tue: 76°F, Wed: 71°F).

Plays describe subprocess execution.

Play - Mozilla Firefox

File Edit View History Bookmarks Tools Help

file:///E:/8000-8999/nasa/IT-planning/library/Integration/PRs/Planning/Play.html

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Now: 54°F Tue: 58°F Wed: 63°F Thu: 61°F Fri: 62°F Sat: 66°F Sun: 65°F

Documents describe subprocess data.

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

4. Guidelines

In this subprocess, we have the following roles:

- [IT Manager](#). This is the person managing the IT 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 IT .
- [Business Manager](#). This is the person managing the procurements for the .Development Facility
- [IT Designers](#). This is the person managing the IT designs..
- [IT Designs Reviewers](#). This is the person reviewing the IT designs..
- [IT Builders](#). This is the person building the IT

Taskbar: Now: 64°F, Fri: 71°F, Sat: 69°F, Sun: 73°F, Mon: 76°F, Tue: 76°F, Wed: 71°F

Guidelines describe user subprocesses.

Description - Mozilla Firefox

File Edit View History Bookmarks Tools Help

file:///E:/8000-8999/nasa/IT-planning/library/Integration/PRs/Planning/Description.html

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

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

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- [IT Builds Reviewers](#). This is the person reviewing the IT .
- [IT Testers](#). This is the person testing the IT ..
- [IT Tests Reviewers](#). This is the person reviewing the testing of the IT ..
- [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.
- [All-Files](#). These are all the view files.

Now: 64°F Fri: 71°F Sat: 69°F Sun: 73°F Mon: 76°F Tue: 76°F Wed: 71°F

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

Worksheet - Mozilla Firefox

file:///E:/8000-8999/nasa/IT-planning/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 IT Plannings

Purpose: The purpose of this subprocess is to develop Planning IT Plannings .

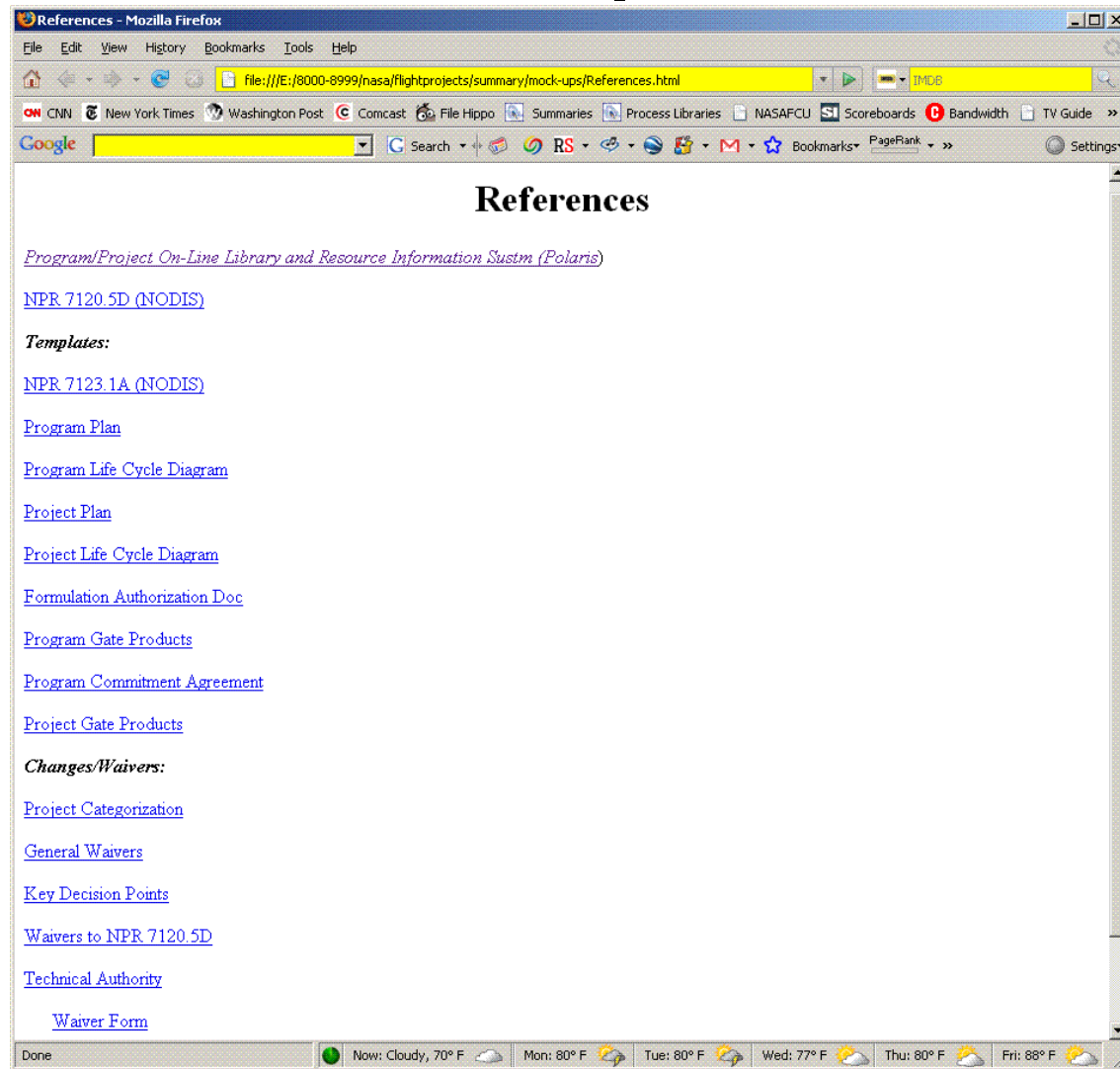
Organization: GSFC IT Planning Office

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

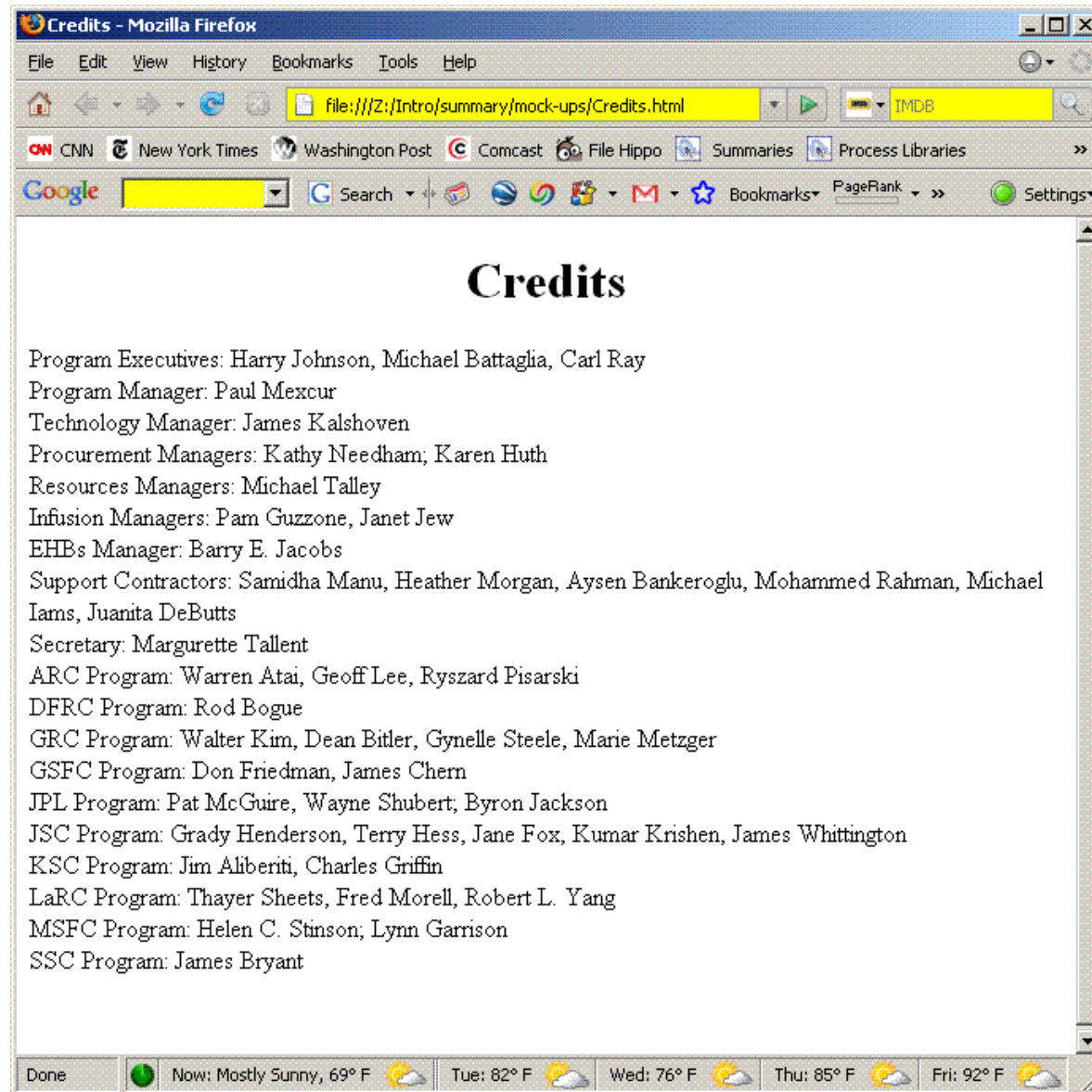
Task	Purpose	Suggested Roles	Task Lead(s)	Estimated Completion Date	Actual Completion Date	Documents					
						Document	Instructions and Samples	Document Lead(s)	Estimated Completion Date	Actual Completion Date	Document Location(s)
Administration	The purpose of this task is to administer the design of IT Planning.	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
Planning	The purpose of this task is to plan the design of IT Planning.	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 IT Planning	The purpose of this task is to design the IT Planning.	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
						Approval Forms	Instructions and Samples	James Green	06/23/07	07/23/07	Library: NS2034

Now: 65°F Fri: 71°F Sat: 69°F Sun: 73°F Mon: 76°F Tue: 76°F Wed: 71°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 IT Planning Process Library - Mozilla Firefox

File Edit View History Bookmarks Tools Help

file:///E:/8000-8999/nasa/IT planning/plib/overview.html

Overview of NASA IT Planning Process Library

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

- We focus on the documents that NASA IT Planning 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 IT Planning Process Library see: [paper](#), [summary](#), and [other process libraries](#).

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IT Planning

Product Realization Subprocesses

Integrated Problems-Solutions Database	Planning IT Plannings	Solicitation Development	Project IT Planning	Branch/Laboratory IT Planning	Division IT Planning	Directorate IT Planning	Center IT Planning	Agency IT Planning	Closeout	Post-Closeout
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(Potential Customers: Flight Projects, IT Planners)

Product Distribution Subprocesses

Integrated Problems-Solutions Database	Planning Distributions	Distribution Facility Solicitation Development	Problem Submission	Problem Handling	Agreement Administration	Agreement Closeout	Post-Agreement Closeout
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(Potential Customers: IT Planners)

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
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Improvement Subprocesses

ISO 9001: 2000	CMMI- Staged	CMMI- Continuous
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Common Subprocesses

Organization Subprocess Formulation	Organization Subprocess Implementation	Organization Subprocess Customer Support	Organization Subprocess Evaluation	Organization Subprocess Update	Organization Subprocess Closeout
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Organizations provide different views of the subprocesses, some of which may be proprietary.

NASA Science IT Planning Organizations - Mozilla Firefox

File Edit View History Bookmarks Tools Help

file:///E:/8000-8999/nasa/IT planning/whatare/Organizations.htm

NASA IT Planning Organizations

Product Realization Subprocesses Organizations
ARC IT Plannings Office
DFRC IT Plannings Office
GRC IT Plannings Office
GSFC IT Plannings Office
HQ IT Plannings Office
JPL IT Plannings Office
JSC IT Plannings Office
KSC IT Plannings Office
LaRC IT Plannings Office
MSFC IT Plannings Office

Product Distribution Subprocesses Organizations
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GSFC IT Plannings Office
HQ IT Plannings Office
JPL IT Plannings Office
JSC IT Plannings Office
KSC IT Plannings Office
LaRC IT Plannings Office
MSFC IT Plannings Office

Support Subprocesses Organizations
Support Contractor A
Support Contractor B

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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

- **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.

Overview of NASA IT Planning Process Library - Mozilla Firefox

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file:///E:/8000-8999/nasa/IT planning/plib/overview.html

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NASA IT Planning Process Library

[Overview \(Demo\)](#)

[Integrated Problems-Solutions Database](#)

[Planning IT Plannings](#)

[Solicitation Development](#)

[Project IT Planning](#)

[Branch/Laboratory IT Planning](#)

[Division IT Planning](#)

[Directorate IT Planning](#)

[Center IT Planning](#)

[Agency IT Planning](#)

[Closeout](#)

[Post-Closeout](#)

Views

Total 11 Entries

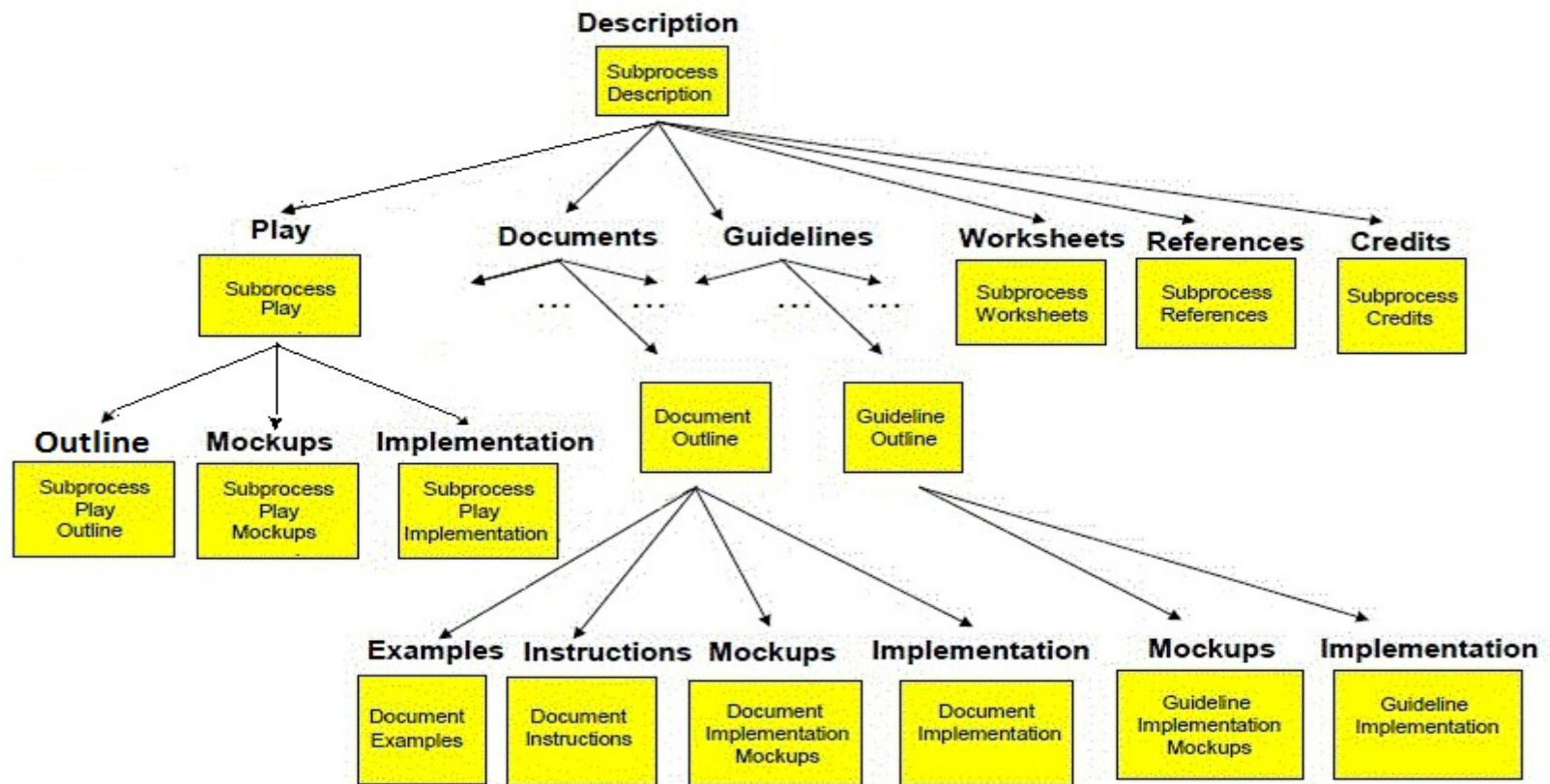
Classification: **Product Realization Subprocesses** (T4-00-00-00)

Subprocess: **Planning IT Plannings** (T4-3-00-00)

[Create View](#)

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

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/IT-planning/library/Integration/PRSSs/Planning/Description.htm

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

Planning IT Plannings

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Play - Mozilla Firefox

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file:///E:/8000-8999/nasa/IT-planning/library/Integration/PRs/Planning/Play.html

IMDB

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- [Project Manager](#)
- [Demonstration Tools Developer](#)
- [Customer:](#)
 - [Develop Contract](#)

-Review Contract-

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

Now: 54°F Tue: 58°F Wed: 63°F Thu: 61°F Fri: 62°F Sat: 66°F Sun: 65°F

Description - Mozilla Firefox

File Edit View History Bookmarks Tools Help

file:///E:/8000-8999/nasa/IT-planning/library/Integration/PRs/Planning/Description.html

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

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

4. Guidelines

In this subprocess, we have the following roles:

- [IT Manager](#). This is the person managing the IT 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 IT .
- [Business Manager](#). This is the person managing the procurements for the .Development Facility
- [IT Designers](#). This is the person managing the IT designs..
- [IT Designs Reviewers](#). This is the person reviewing the IT designs..
- [IT Builders](#). This is the person building the IT

Now: 64°F Fri: 71°F Sat: 69°F Sun: 73°F Mon: 76°F Tue: 76°F Wed: 71°F

Description - Mozilla Firefox

File Edit View History Bookmarks Tools Help

file:///E:/8000-8999/nasa/IT-planning/library/Integration/PRs/Planning/Description.html

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

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

4. Guidelines

In this subprocess, we have the following roles:

- [IT Manager](#). This is the person managing the IT 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 IT .
- [Business Manager](#). This is the person managing the procurements for the .Development Facility
- [IT Designers](#). This is the person managing the IT designs..
- [IT Designs Reviewers](#). This is the person reviewing the IT designs..
- [IT Builders](#). This is the person building the IT ..
- [IT Builds Reviewers](#). This is the person reviewing the IT .
- [IT Testers](#). This is the person testing the IT ..
- [IT Tests Reviewers](#). This is the person reviewing the testing of the IT ..
- [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.
- [All-Files](#). These are all the view files.

Now: 64°F Fri: 71°F Sat: 69°F Sun: 73°F Mon: 76°F Tue: 76°F Wed: 71°F

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

Worksheet - Mozilla Firefox

file:///E:/8000-8999/nasa/IT-planning/summary/mock-ups/Worksheet.htm

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Subprocess Worksheet

Subprocess: Planning IT Plannings

Purpose: The purpose of this subprocess is to develop Planning IT Plannings .

Organization: GSFC IT Planning Office

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 IT Planning.	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
Planning	The purpose of this task is to plan the design of IT Planning.	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 IT Planning	The purpose of this task is to design the IT Planning.	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
						Approval Forms	Instructions and Samples	James Green	06/23/07	07/23/07	Library: NS2034

Now: 65°F Fri: 71°F Sat: 69°F Sun: 73°F Mon: 76°F Tue: 76°F Wed: 71°F

References - Mozilla Firefox

File Edit View History Bookmarks Tools Help

file:///E:/8000-8999/nasa/flightprojects/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

[Program/Project On-Line Library and Resource Information Sustrm \(Polaris\)](#)

[NPR 7120.5D \(NODIS\)](#)

Templates:

[NPR 7123.1A \(NODIS\)](#)

[Program Plan](#)

[Program Life Cycle Diagram](#)

[Project Plan](#)

[Project Life Cycle Diagram](#)

[Formulation Authorization Doc](#)

[Program Gate Products](#)

[Program Commitment Agreement](#)

[Project Gate Products](#)

Changes/Waivers:

[Project Categorization](#)

[General Waivers](#)

[Key Decision Points](#)

[Waivers to NPR 7120.5D](#)

[Technical Authority](#)

[Waiver Form](#)

Done

Now: Cloudy, 70° F	Mon: 80° F	Tue: 80° F	Wed: 77° F	Thu: 80° F	Fri: 88° F
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Credits - Mozilla Firefox

File Edit View History Bookmarks Tools Help

file:///Z:/Intro/summary/mock-ups/Credits.html

CNN New York Times Washington Post Comcast File Hippo Summaries Process Libraries

Google Search

Credits

Program Executives: Harry Johnson, Michael Battaglia, Carl Ray
Program Manager: Paul Mexcur, Robert Nelson
Technology Manager: James Kalshoven
Procurement Managers: Kathy Needham, Karen Huth
Resources Managers: Michael Talley
Infusion Managers: Pam Guzzone, Janet Jew
EHBs Manager: Barry E. Jacobs
Support Contractors: Samidha Manu, Heather Morgan, Aysen Bankeroglu, Mohammed Rahman, Michael Iams, Juanita DeButts
Secretary: Margurette Tallent
ARC Program: Warren Atai, Geoff Lee, Ryszard Pisarski
DFRC Program: Rod Bogue
GRC Program: Walter Kim, Dean Bitler, Gynelle Steele, Marie Metzger, Cindy Dreibelbis
GSFC Program: Don Friedman, James Chern
JPL Program: Pat McGuire, Wayne Shubert, Byron Jackson
JSC Program: Grady Henderson, Terry Hess, Jane Fox, Kumar Krishen, James Whittington
KSC Program: Jim Aliberiti, Charles Griffin
LaRC Program: Thayer Sheets, Fred Morell, Robert L. Yang
MSFC Program: Helen C. Stinson, Lynn Garrison
SSC Program: James Bryant

Done Now: Mostly Sunny, 69° F Tue: 82° F Wed: 76° F Thu: 85° F Fri: 92° F

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

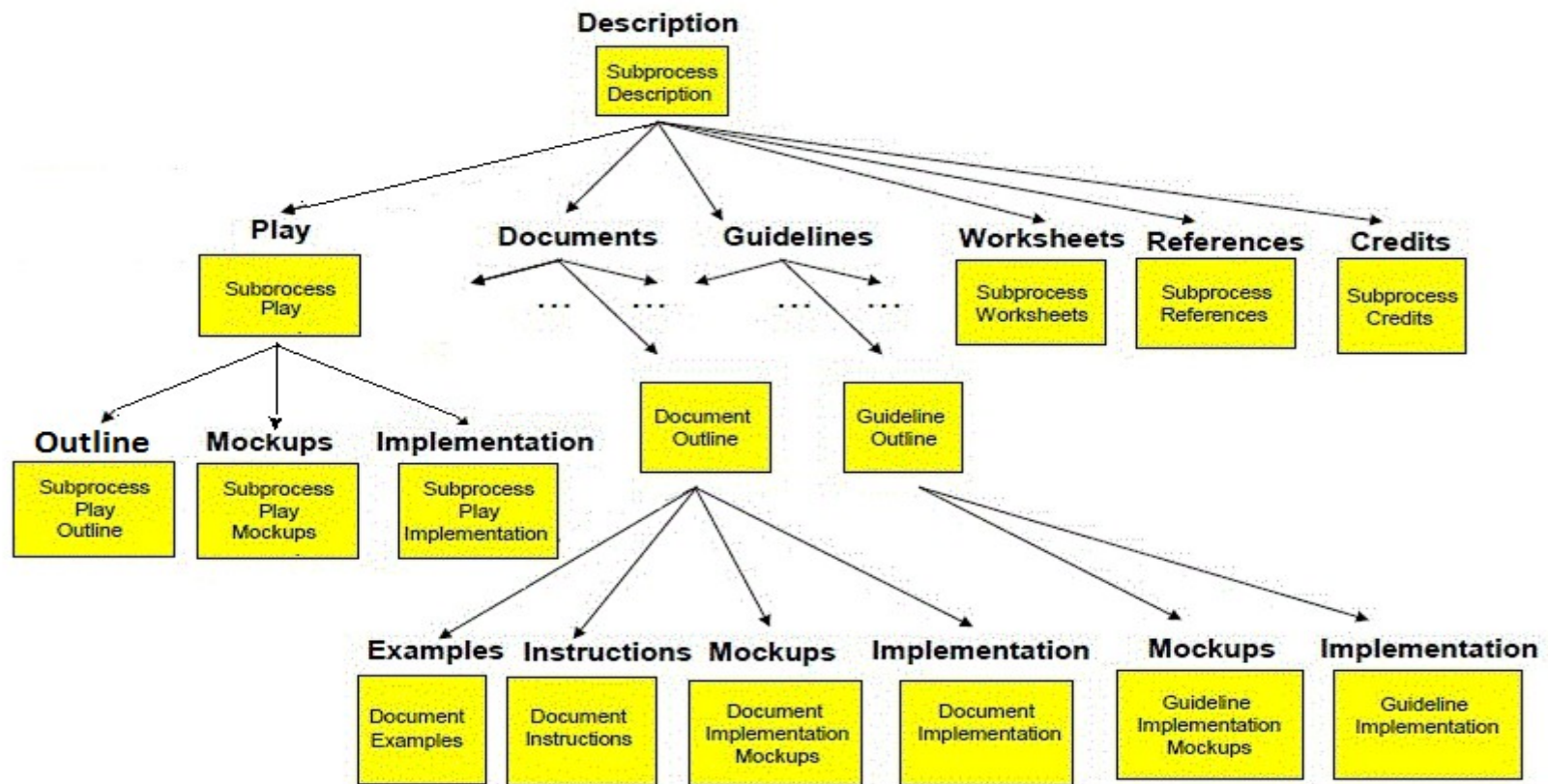
ehbs.org/intro/summary/stages2.html

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.





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



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

- [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](#)

Done

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

Overview of NASA IT Planning Process Library - Mozilla Firefox

File Edit View History Bookmarks Tools Help

file:///E:/8000-8999/nasa/IT planning/plib/overview.html

Overview of NASA IT Planning Process Library

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

- We focus on the documents that NASA IT Planning 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 IT Planning Process Library see: [paper](#), [summary](#), and [other process libraries](#).

Now: 72°F Fri: 74°F Sat: 71°F Sun: 71°F Mon: 79°F Tue: 73°F Wed: 65°F

Document - Mozilla Firefox

File Edit View History Bookmarks Tools Help

Home Back Forward Reload Stop http://ehbs.org/research/library/Integration/PRs/Solicitation_Developme Webster

CNN New York Times Washington Post Comcast OOWA NASAFCU File Hippo Cnet SI Scoreboards TV Guide

Google Search Bookmarks AutoLink Sign in

Solicitation Development

Solicitation

Document

Overview

The purpose of Solicitation is to provide Solicitation documents for the Solicitation Development subprocess.

Organization: ORG

Document

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

Implementation:

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

Contacts:

GP 5 Now: Cloudy, 67 °F Sat: 76 °F Sun: 83 °F Mon: 84 °F Tue: 83 °F Wed: 76 °F Thu: 7

Document - Mozilla Firefox

File Edit View History Bookmarks Tools Help

Home Back Forward Reload Stop http://ehbs.org/research/library/Integration/PRs/Solicitation_Developme Webster

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Google Search Bookmarks AutoLink Sign in

The purpose of Solicitation is to provide Solicitation documents for the Solicitation Development subprocess.

Organization: ORG

Document

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

Implementation:

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

Contacts:

[Name- Phone-Email \(mailto-hyperlink\)](#)

References:

[Title- Author- Library \(html\)](#)

GP 5 Now: Cloudy, 67 °F Sat: 76 °F Sun: 83 °F Mon: 84 °F Tue: 83 °F Wed: 76 °F Thu: 7

Document - Mozilla Firefox

Fetch Integration - Mozilla Firefox

File Edit View History Bookmarks Tools Help

file:///E:/8000-8999/nasa/IT planning/summary/mock-ups/Integrations.htm

Google

Fetch Integration

Read Integration	
Classification	Product Realization Subprocesses
Subprocess	Planning IT Plannings
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 IT Planning Office Fetch - (Size: 10 KB)	Date Created: 23-Jun-2005 Date Updated: 23-Jun-2005
DFRC IT Planning Office Fetch - (Size: 10 KB)	Date Created: 23-Jun-2005 Date Updated: 23-Jun-2005
GRC IT Planning Office Fetch - (Size: 10 KB)	Date Created: 23-Jun-2005 Date Updated: 23-Jun-2005
GSFC IT Planning Office Fetch - (Size: 10 KB)	Date Created: 23-Jun-2005 Date Updated: 23-Jun-2005
HQ IT Planning Office Fetch - (Size: 10 KB)	Date Created: 23-Jun-2005 Date Updated: 23-Jun-2005
JPL IT Planning Office Fetch - (Size: 10 KB)	Date Created: 23-Jun-2005 Date Updated: 23-Jun-2005
JSC IT Planning Office Fetch - (Size: 10 KB)	Date Created: 23-Jun-2005 Date Updated: 23-Jun-2005

Now: 72°F Fri: 74°F Sat: 71°F Sun: 71°F Mon: 79°F Tue: 73°F Wed: 65°F

Overview of NASA IT Planning Process Library - Mozilla Firefox

File Edit View History Bookmarks Tools Help

file:///E:/8000-8999/nasa/IT planning/plib/overview.html

Overview of NASA IT Planning Process Library

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

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- 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 IT Planning Process Library see: [paper](#), [summary](#), and [other process libraries](#).

Now: 72°F ☁️ Fri: 74°F ☀️ Sat: 71°F ☀️ Sun: 71°F ☀️ Mon: 79°F ☀️ Tue: 73°F ☀️ Wed: 65°F ☀️

Document Access in Process Libraries. - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://ehbs.org/intro/summary/documents.htm Wikipedia (English)

CNN New York Times Washington Post Comcast NOMAD File Hippo Summaries Process Libraries NASAFCU Cnet

Google Search Search YouTube Bookmarks PageRank Settings

EHBs Home Page Document Access in Process Libr...

Documents in Process Libraries have three levels of access.

- **Unconditionally Distributable Documents.** Here the document's hyperlink will point directly to the organization's document.
- **Documents (On-Line/Off-Line) Maintained In Organization Libraries.** Here the document's hyperlink will point into the organization's library maintaining the document.
- **Proprietary Documents.** Here the document's hyperlink will point to the organization's person/persons responsible for the document from whom permission must be obtained.

Done

Now: Snow, 32° F Thu: 38° F Fri: 37° F Sat: 44° F Sun: 44° F Mon: 49° F

paper.pdf - Adobe Reader

File Edit View Window Help

1 / 44 47.5%

Tools Comment

**NASA IT Planning
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) IT Planning. NASA IT Planning 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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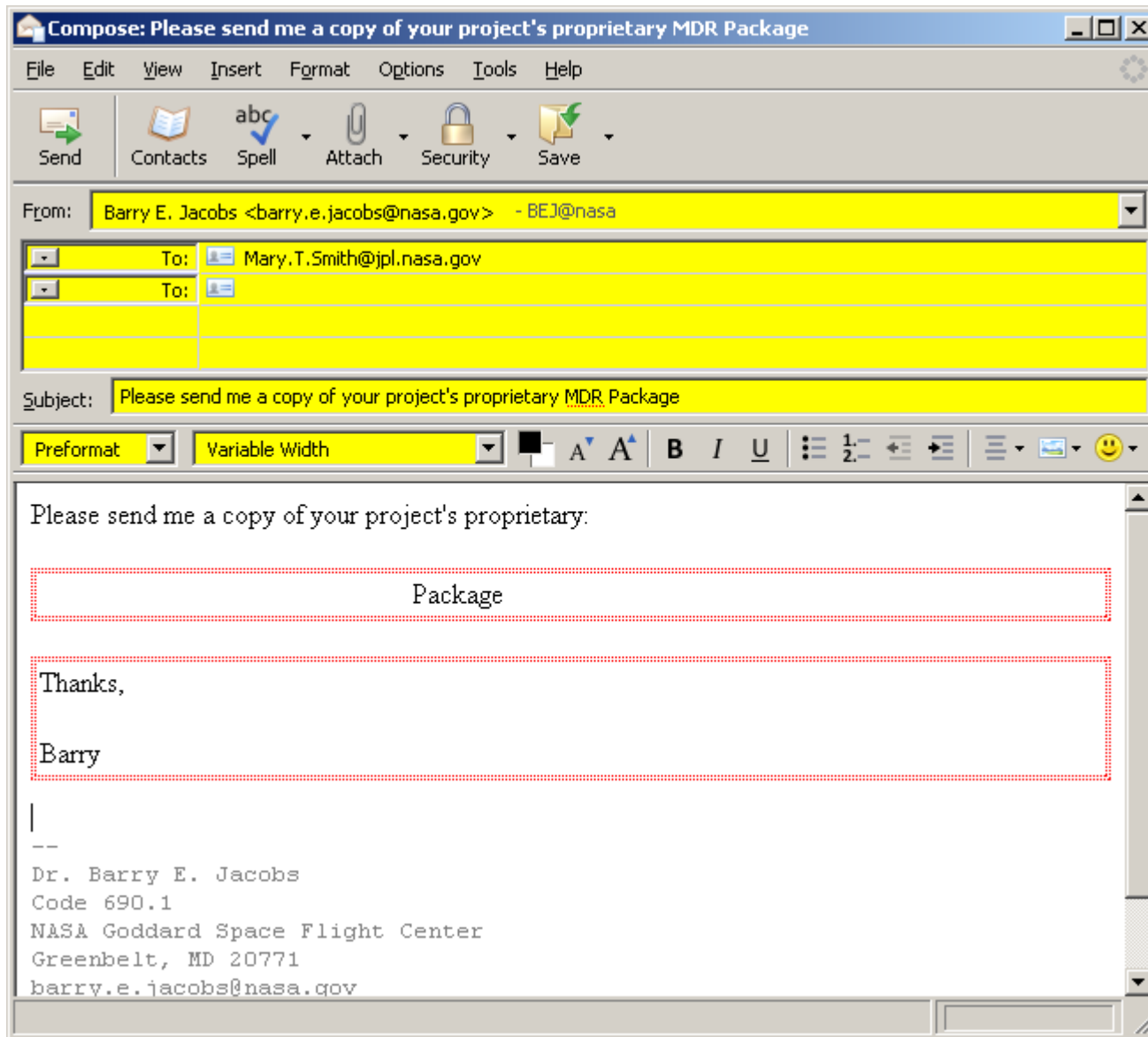
Please login with your User Name and Password below.

User Name:

Password:

Login

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Overview of NASA IT Planning Process Library - Mozilla Firefox

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file:///E:/8000-8999/nasa/IT planning/plib/overview.html

Overview of NASA IT Planning Process Library

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

- We focus on the documents that NASA IT Planning 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](#))
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For more information on the NASA IT Planning Process Library see: [paper](#), [summary](#), and [other process libraries](#).

Now: 72°F ☁️ Fri: 74°F ☀️ Sat: 71°F ☀️ Sun: 71°F ☀️ Mon: 79°F ☀️ Tue: 73°F ☀️ Wed: 65°F ☀️

Subprocess Worksheet

Subprocess: Planning IT Plannings

Purpose: The purpose of this subprocess is to develop Planning IT Plannings .

Organization: GSFC IT Planning Office

- 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 IT Planning.	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
Planning	The purpose of this task is to plan the design of IT Planning.	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 IT Planning	The purpose of this task is to design the IT Planning.	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
						Approval Forms	Instructions and Samples	James Green	06/23/07	07/23/07	Library: NS2034

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Tools Comment

**NASA IT Planning
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.

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NASA IT Planning Management Using Process Libraries and Electronic Handbooks

(Where Shakespeare Meets Freud)

Summary

(Click Here for: [PDF](#), [PPT](#))

[\(Quick Summary\)](#)

[\(Paper\)](#)

[\(Demonstration\)](#)

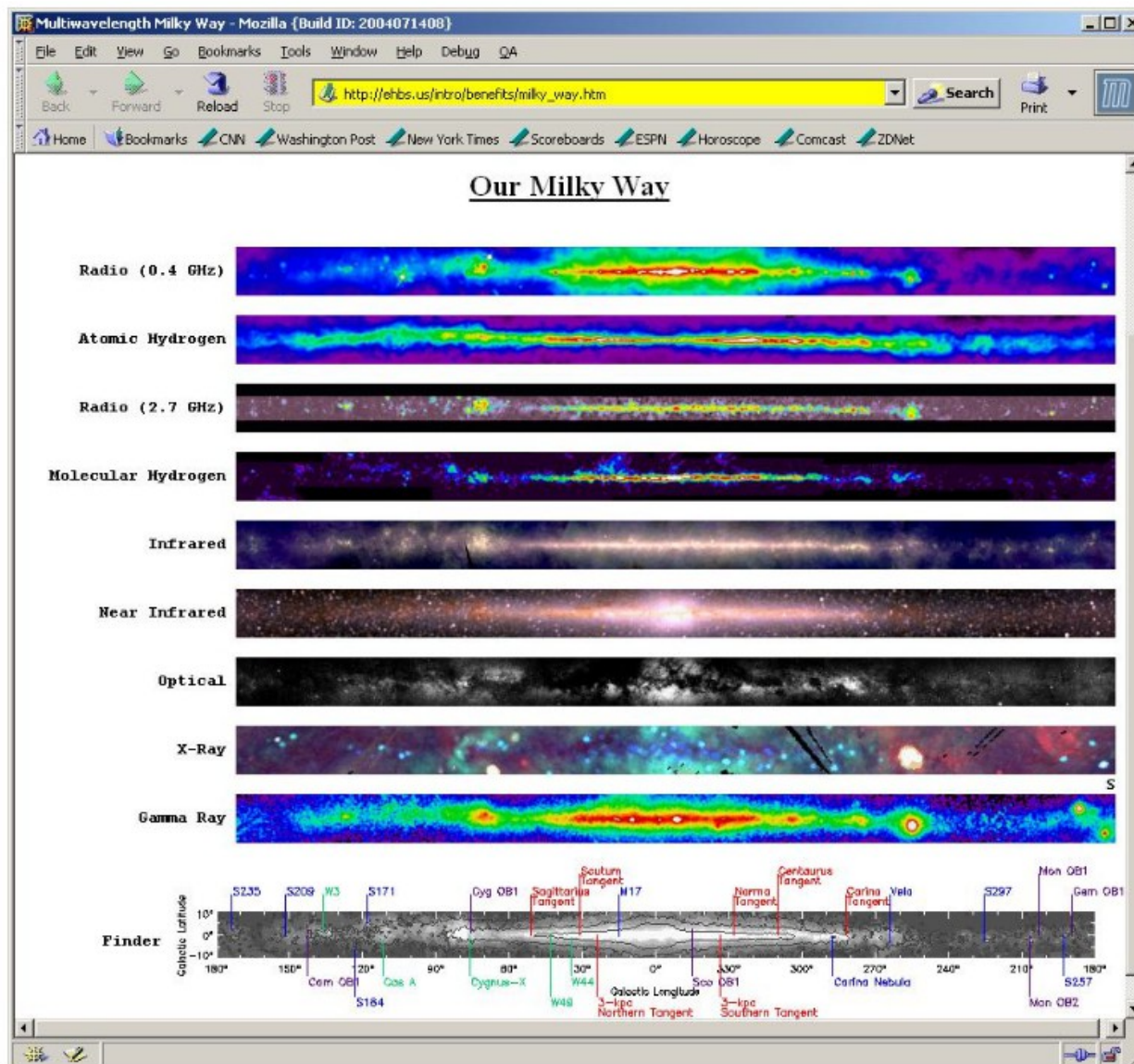
[\(Subprocesses and Their Documentations\)](#)

[\(Demonstration Tool\)](#)

[\(Home Page\)](#)

- [Cover](#)
- [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.](#)
- [Objective: Develop Internet-based tools to support the paperless documentation and management of complex distributed processes.](#)
- [Plays describe subprocess execution.](#)
- [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.](#)
- [The "Game of Telephone" Syndrome: where people pass-on only parts of the "message".](#)

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



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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.
[\(Full Quote\)](#)

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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**

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Complex Process Management Using Process Libraries and Electronic Handbooks [Where Shakespeare Meets Freud]



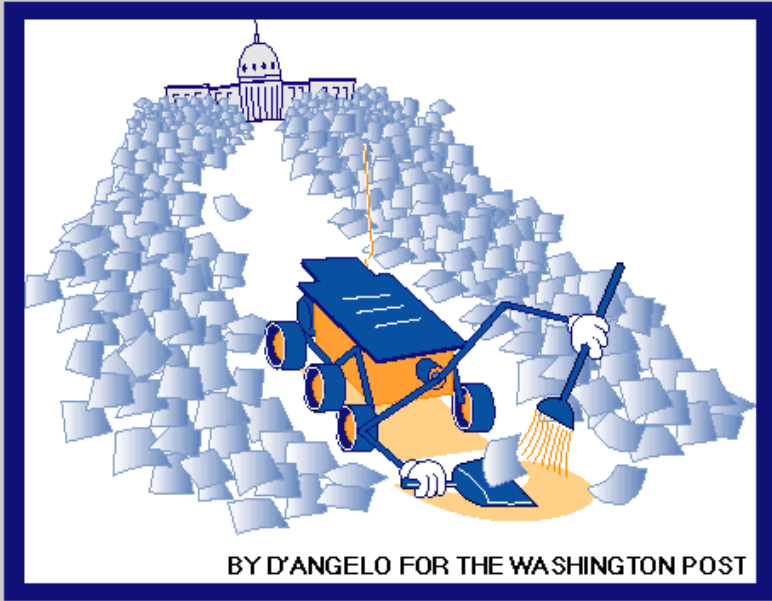
Complex Process Management Using PLs and EHBs [Where Shakespeare Meets Freud]

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BY D'ANGELO FOR THE WASHINGTON POST

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[\[Mini-Bio\]](#)

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