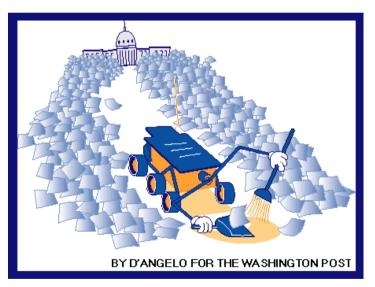
Department of Homeland Security Grants Management Using Process Libraries and Electronic Handbooks

(Where Shakespeare Meets Freud)



Demonstration



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



The Bottom Line:

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

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

These "plays" may be added to new or existing systems.

Plays describe subprocess execution.



Benefits:

- Facilitates the collection of system and organizational requirements,

- Does not anger/upset people whose opinions are heard,

and

- Increases the interaction between managers, process developers, and participants.

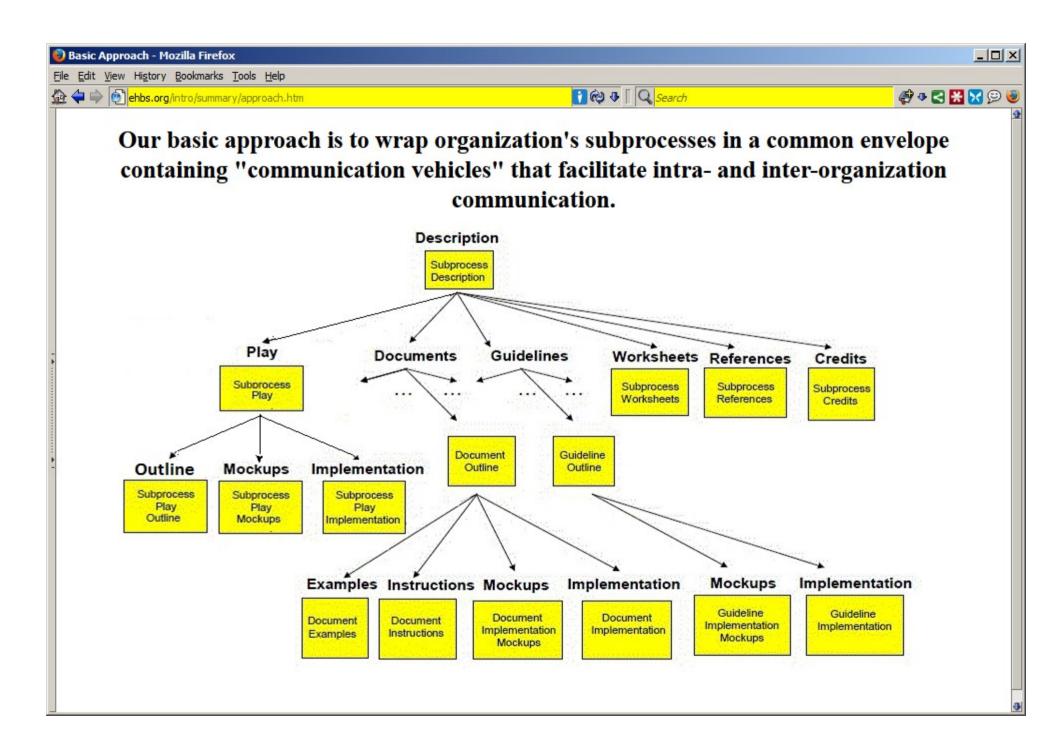
Benefits:

- Facilitates the collection of system and organizational requirements,

- Does not anger/upset people whose opinions are heard,

and

- Increases the interaction between managers and other participants.



Descriptions summarize subprocesses.

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Solicitation Development Table of Contents	
1. <u>Overview</u> 2. <u>Play</u> 3. <u>Documents</u> 4. <u>Guidelines</u> 5. <u>Others</u>	
1. Overview	
In this subprocess, we deal with the process of developing,, reviewing, and distributing the Solicitation.	
Organization: ORG	
<u>All-Files</u> . These are all the view files. <u>Benefits</u>	
2. Play	
In this subprocess, the play is divided in several parts:	_
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Plays describe subprocess execution.



Documents describe subprocess data.

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	_
3. Documents	
5. Documents	
In this subprocess, we have the following document types:	
in this subprocess, we have the following document types.	
Registrations. These are used to represent user Registrations.	
Guidelines. These are used to represent Grant Guidelines.	
Topics. These are used to represent Grant Topics.	
Front-End. These are used to represent Solicitation Front-Ends.	
Pre-Solicitation. These are used to represent Libraries.	
<u>Pre-Solicitation Reviews and Approvals</u> . These are used to represent Grant Pre-Solicitations.	
Pre-Solicitation Public Comments. These are used to represent Grant Pre-Solicitation Public Comments.	
Solicitation. These are used to represent Solicitations.	
Solicitation Reviews and Approvals. These are used to represent Solicitation Reviews and Approvals.	
Outreach Records. These are used to represent Outreach Records.	
4. Guidelines	
In this subprocess, we have the following Guidelines:	
Solicitation Development Manager. This is the manager of the Solicitation Development subprocess.	
Program Manager. This is the manager of all the program.	
Mission Directorate Representative. This is the Mission Directorate Representative of the program.	
Field Center Program Manager. This is the Field Center Program Manager of the program.	
Field Center Advisor-Technology Manager. This is the Field Center Advisor-Technology Manager of the program	1.
Lead Topic Manager. This is the Lead Topic Manager of the program.	-
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Guidelines describe user subprocesses.

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4. Guidelines	
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Program Manager. This is the manager of all the program.	
Mission Directorate Representative. This is the Mission Directorate Representative of the program.	
Field Center Program Manager. This is the Field Center Program Manager of the program.	
Field Center Advisor-Technology Manager. This is the Field Center Advisor-Technology Manager of the program.	
Lead Topic Manager. This is the Lead Topic Manager of the program.	
Participating Topic Manager. This is the Participating Topic Manager of the program.	
Mission Advisor. This is the Mission Advisor of the program.	
Potential Customer Representative. This is the Potential Customer Representative of the program.	
Procurement Manager. This is the Procurement Manager of the program.	
<u>Organization Manager</u> . This is the manager of all 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.	-

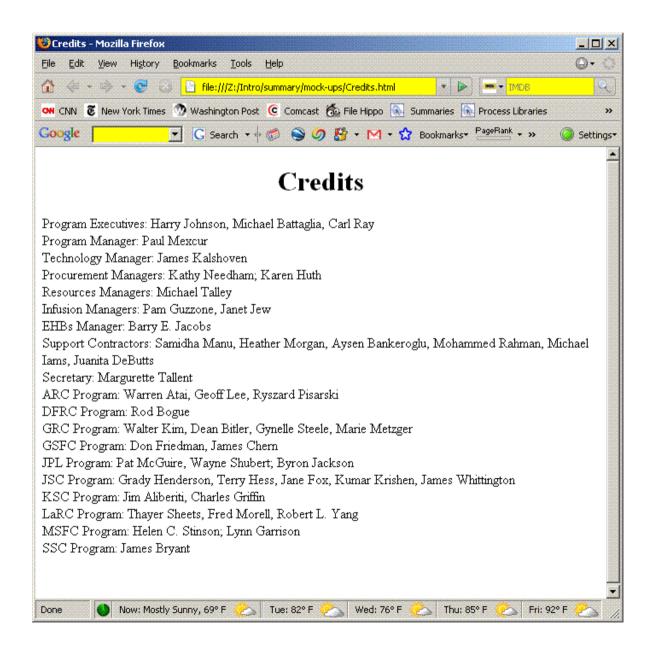
Subprocess Worksheets facilitate subprocess manager communication with process developers and participants.

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1	Task	Ригрозе	Suggested Roles	Task Lead(s)	Estimated Completion Date	Actual Completion Date	Document	Instructions and Samples	Document Lead(s)	ts Estimated Completion Date	Actual Completion Date	Document Location(s)	
	Administration	The purpose of this task is to administer the design of Administration.	Procurement Manager, Contracting Officer, Contract Specialist, Procurement Reviewer, COTR, Technical Monitor, Avardee, Advisor, Program Manager/Field Center Program Manager, Field Center Program Manager, Technology Infusion Manager, Budget Personnel	Helen Stinson	07/23/07	08/23/07	Document Library	Instructions and Samples	Helen Stinson	06/23/07	07/23/07	Library: NS2034	
			Procurement Manager, Contracting Officer, Contract Specialist, Procurement Reviewer, COTR,				Planning Document Draft Project	Instructions and Samples	Helen Stinson	06/23/07	07/23/07	Library: NS2034	
	Planning	The purpose of this task is to plan the design of Administration.	Technical Monitor, Avvadee, Advisor, Program Manager/Program Executive, Mission Directorate Representative, Topic Manager, Subtopic Manager, Field Center Program Manager,	Helen Stinson		06/23/07	Requirements Document Project Plan	Instructions and Samples Instructions and Samples	Helen Stinson Helen Stinson	06/23/07	07/23/07	Library: NS2034 Library: NS2034	
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References list other related resources.

References - Mozilla Firefox File Edit View History Bookmarks Tools Help		
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Credits acknowledge people's contributions.

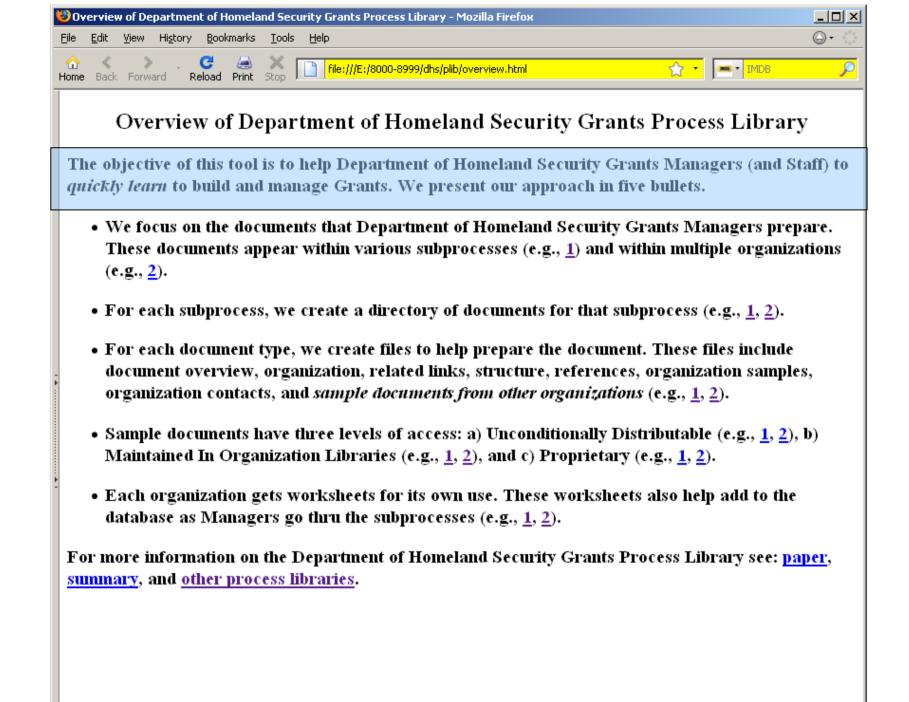


Tools that can be focused on during stagesby tool.

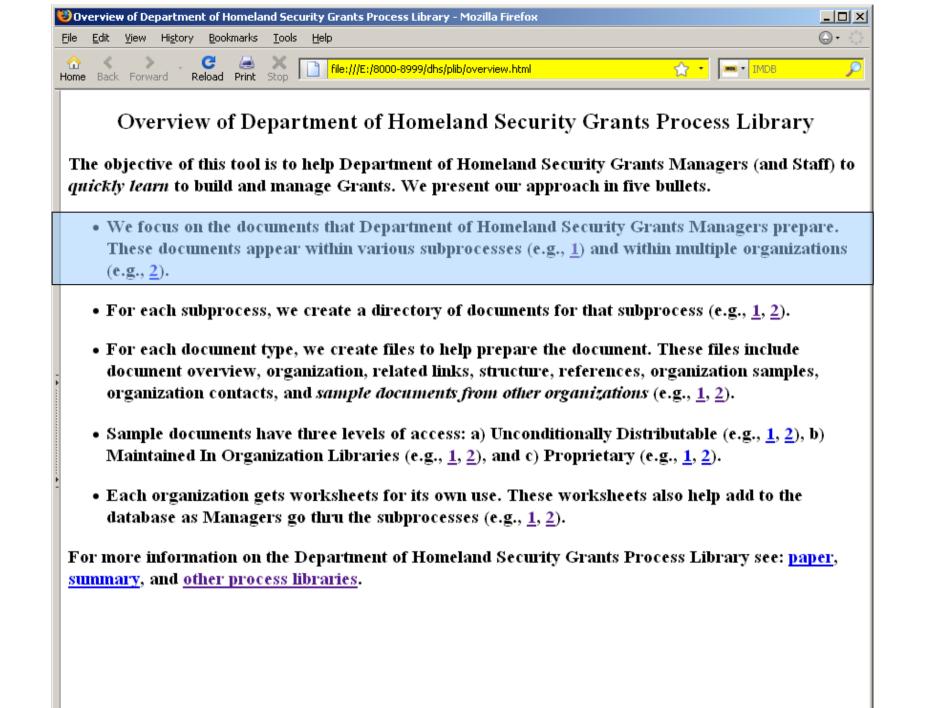
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	Role Guidelines/EHBs	Learn, Integrate, Teat, Teach, Work Together	Learn, Integrate Document: Using Role Guidelines/EHBs, Test, Teach, Work Together	
	Subprocess Worksheets	Learn, Integrate, Teat, Teach, Work Together	Learn, Integrate Document: Using Role Guidelines/EHBs, Test, Tesch, Work Together	
	References	Learn, Integrate, Test, Teach, Work Together	Learn, Integrate Document: Using Role Guidelines/EHBs, Test, Tesch, Work Together	
	Credits	Learn, Integrate, Test, Tesch, Work Together	Learn, Integrate Documents Using Role Guidelines/EHBs, Test, Tesch, Work Together	

Tools that can be focused on during stagesby stage.

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	Stage	Process Developer	Process Participant	
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	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 Worksbeets, 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.	



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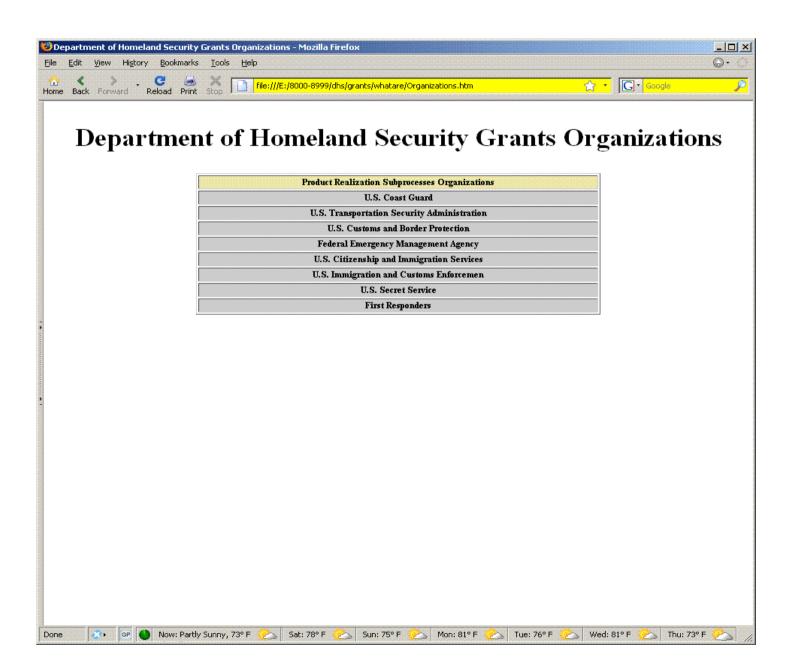
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Organizations provide different views of the subprocesses, some of which may be proprietary.



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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.

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People in organizations provide different views of the subprocesses.

View

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Subprocess Documentor's View

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Subprocess Teacher's, Manager's, Implementor's and Participant's Views _ D ×

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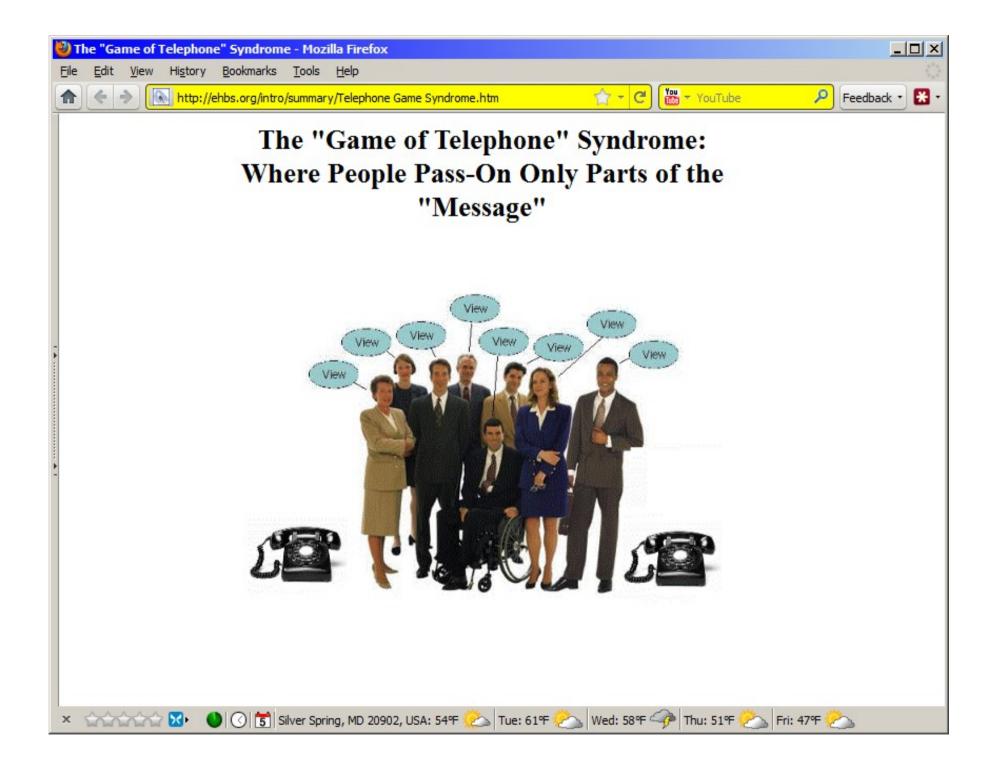
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Organizations generate Subprocess Life-Cycle* Views

- 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.

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^{*} Also, called the "Universal Subprocess".



🥹 Overview of how editable and cost-saving model/documentation tools can solve problems. - Mozilla Firefox

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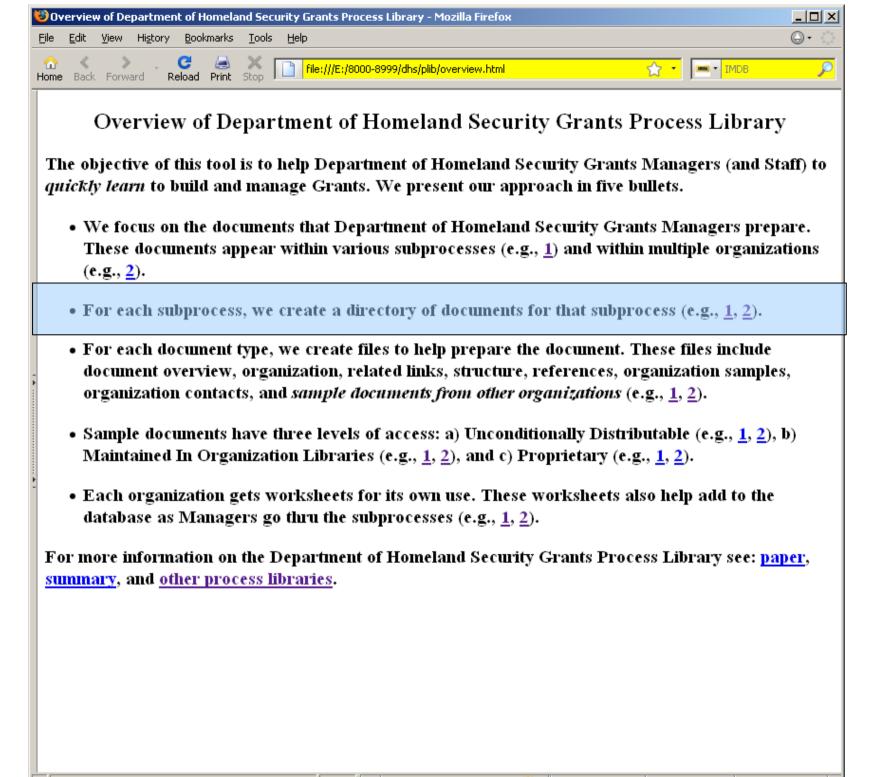
Overview of how editable and

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.

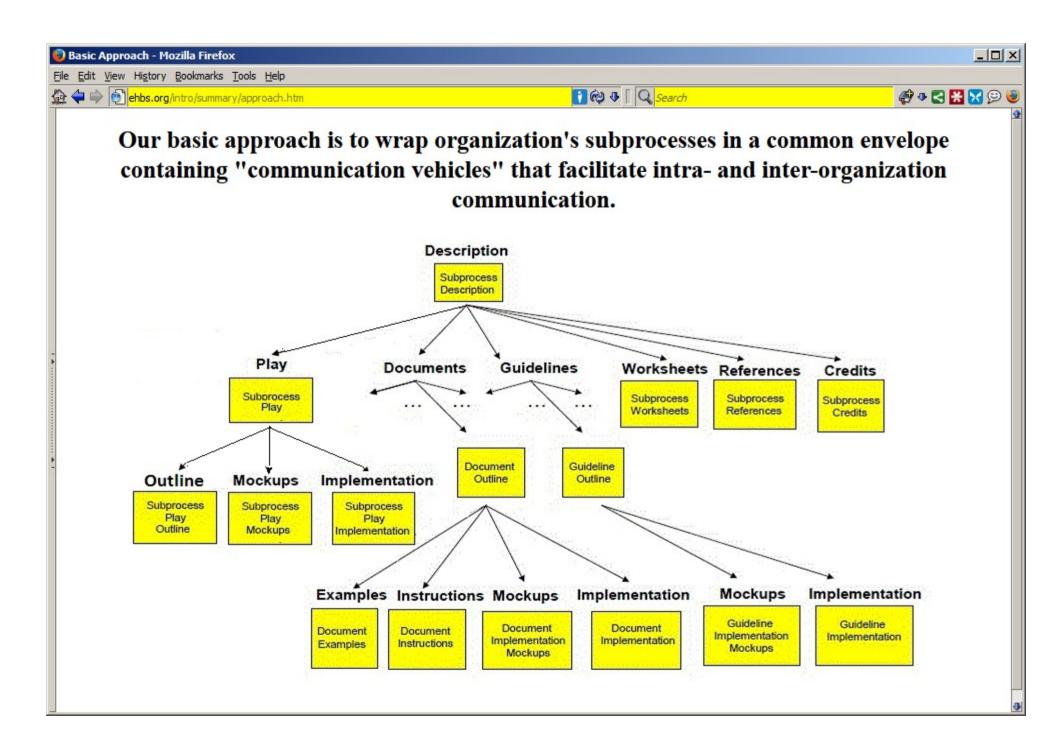
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Solicitation Development								
Table of Contents								
1. <u>Overview</u> 2. <u>Play</u>								
3. Documents								
4. <u>Guidelines</u>								
5. Others								
1. Overview								
In this subprocess, we deal with the process of developing,, reviewing, and distributing the Solicitation.								
Organization: ORG								
<u>All-Files</u> . These are all the view files. <u>Benefits</u>								
2. Play								
In this subprocess, the play is divided in several parts:								

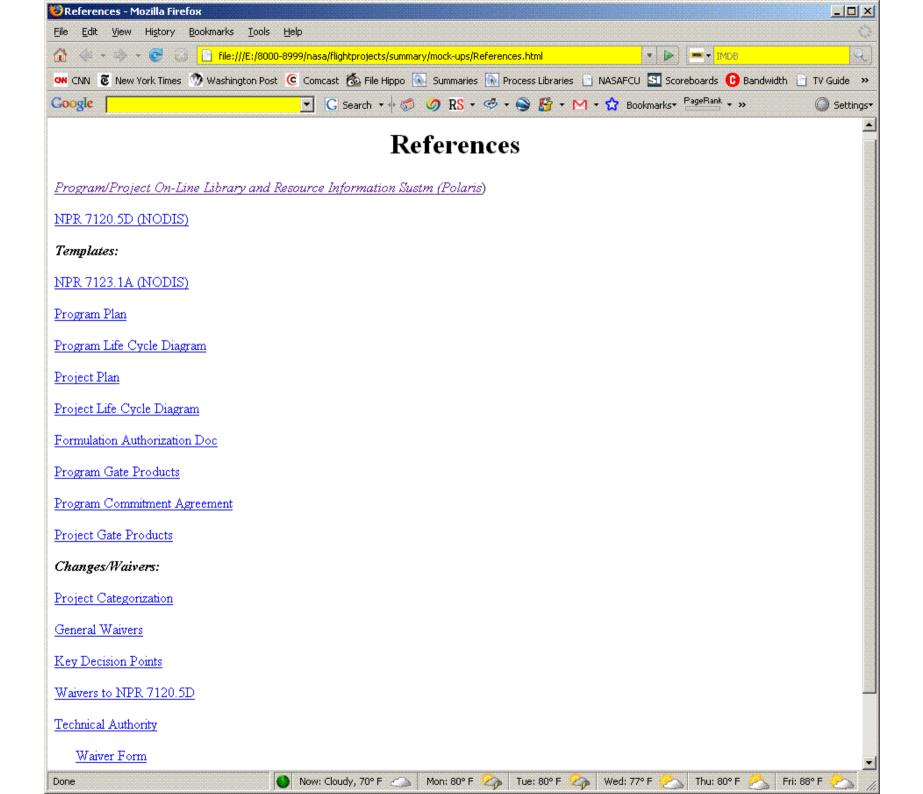


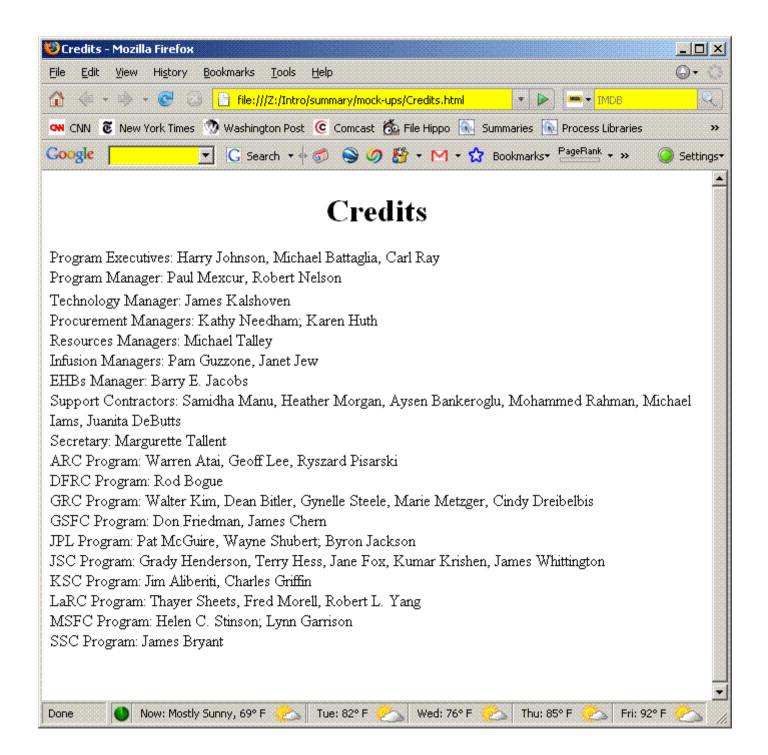
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	▲							
3. Documents								
In this subprocess, we have the following document types:								
Registrations. These are used to represent user Registrations.								
Guidelines. These are used to represent Grant Guidelines.								
Topics. These are used to represent Grant Topics.								
Front-End. These are used to represent Solicitation Front-Ends.								
Pre-Solicitation. These are used to represent Libraries.								
 <u>Pre-Solicitation Reviews and Approvals</u>. These are used to represent Grant Pre-Solicitations. 								
Pre-Solicitation Public Comments. These are used to represent Grant Pre-Solicitation Public Comments.								
Solicitation. These are used to represent Solicitations.								
Solicitation Reviews and Approvals. These are used to represent Solicitation Reviews and Approvals.								
Outreach Records. These are used to represent Outreach Records.								
4. Guidelines								
In this subprocess, we have the following Guidelines:								
Solicitation Development Manager. This is the manager of the Solicitation Development subprocess.								
Program Manager. This is the manager of all the program.								
Mission Directorate Representative. This is the Mission Directorate Representative of the program.								
Field Center Program Manager. This is the Field Center Program Manager of the program.								
Field Center Advisor-Technology Manager. This is the Field Center Advisor-Technology Manager of the program.								
Lead Topic Manager. This is the Lead Topic Manager of the program.	⊥ nt: {							

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4. Guidelines In this subprocess, we have the following Guidelines:									
Solicitation Development Manager. This is the manager of the Solicitation Development subprocess.									
<u>Program Manager</u> . This is the manager of all the program. <u>Mission Directorate Representative</u> . This is the Mission Directorate Representative of the program.									
Field Center Program Manager. This is the Field Center Program Manager of the program.									
Field Center Advisor-Technology Manager. This is the Field Center Advisor-Technology Manager of the program.									
Lead Topic Manager. This is the Lead Topic Manager of the program.									
Participating Topic Manager. This is the Participating Topic Manager of the program.									
<u>Mission Advisor.</u> This is the Mission Advisor of the program. <u>Potential Customer Representative</u> . This is the Potential Customer Representative of the program.									
Procurement Manager. This is the Procurement Manager of the program.									
Organization Manager. This is the manager of all 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.	-								
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Subprocess Worksheets facilitate subprocess manager communication with process developers and participants.

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Subprocess: Solicitation Development In this subprocess, we deal with the process of developing,, reviewing, and distributing the Solicitation Organization: U.S. Coast Guard													
1	Task	Ригрозе	Suggested Roles	Task Lead(s)	Estimated Completion Date	Actual Completion Date	Document	Instructions and Samples	Document Lead(s)	ts Estimated Completion Date	Actual Completion Date	Document Location(s)	
	Administration	The purpose of this task is to administer the design of Administration.	Procurement Manager, Contracting Officer, Contract Specialist, Procurement Reviewer, COTR, Technical Monitor, Avardee, Advisor, Program Manager/Field Center Program Manager, Field Center Program Manager, Technology Infusion Manager, Budget Personnel	Helen Stinson	07/23/07	08/23/07	Document Library	Instructions and Samples	Helen Stinson	06/23/07	07/23/07	Library: NS2034	
	Planning	The purpose of this task is to plan the design of Administration.	Procurement Manager, Contracting Officer, Contract Specialist, Procurement Reviewer, COTR, Technical Monitor, Awardee, Advisor, Program Manager/Forgram Executive, Mission Directorate Representative, Topic Manager, Subtopic Manager, Field Center Program Manager/				Planning Document Draft Project	Instructions and Samples	Helen Stinson	06/23/07	07/23/07	Library: NS2034	
				Helen Stinson	06/23/07	06/23/07	Requirements Document Project Plan	Instructions and Samples Instructions and Samples	Helen Stinson Helen Stinson	06/23/07	07/23/07	Library: NS2034 Library: NS2034	
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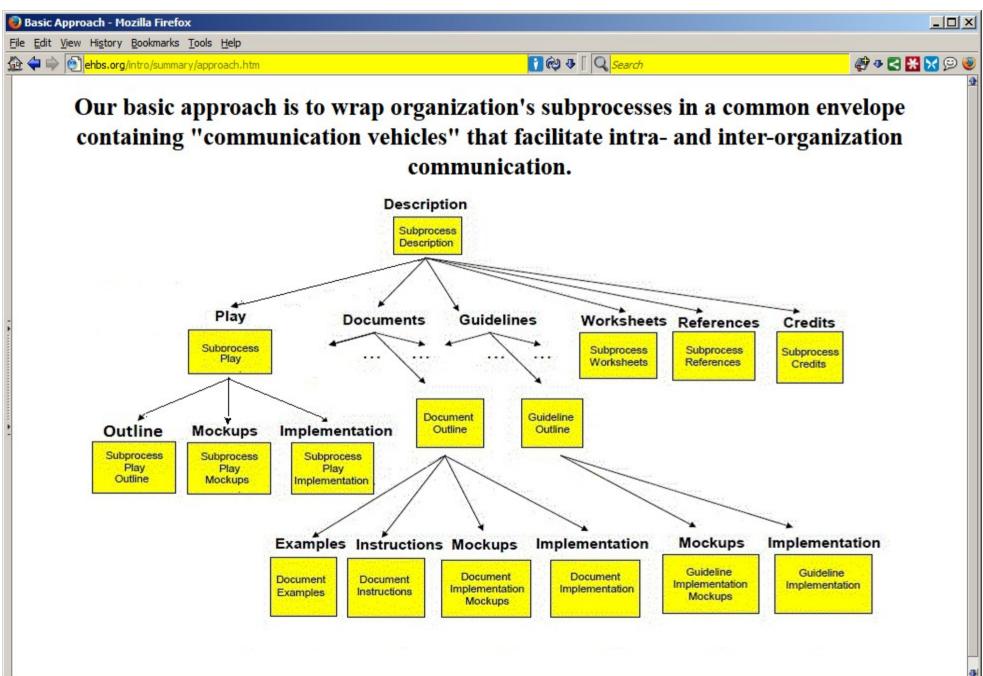


Tools that can be focused on during stagesby tool.

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	Subprocess Worksheets	Learn, Integrate, Test, Tesch, Work Together	Learn, Integrate Document: Using Role Guidelines/EHBs, Test, Teach, Work Together						
	References	Learn, Integrate, Test, Teach, Work Together	Learn, Integrate Document: Using Role Guidelines/EHBs, Test, Tesch, Work Together						
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Tools that can be focused on during stagesby stage.

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,		Tools To Focus On Dur	ing 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 Worksbeets, 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.	



Shakespeare Meets Freud - Mozilla Firefox 4.0 Beta 3

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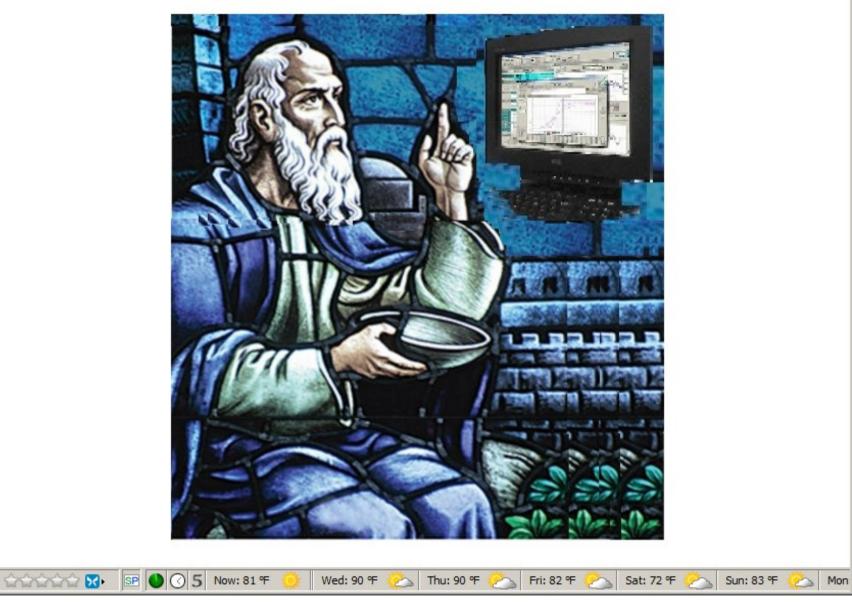
Process Libraries (PLs) and Electronic Handbooks (EHBs) are where Shakespeare meets Freud

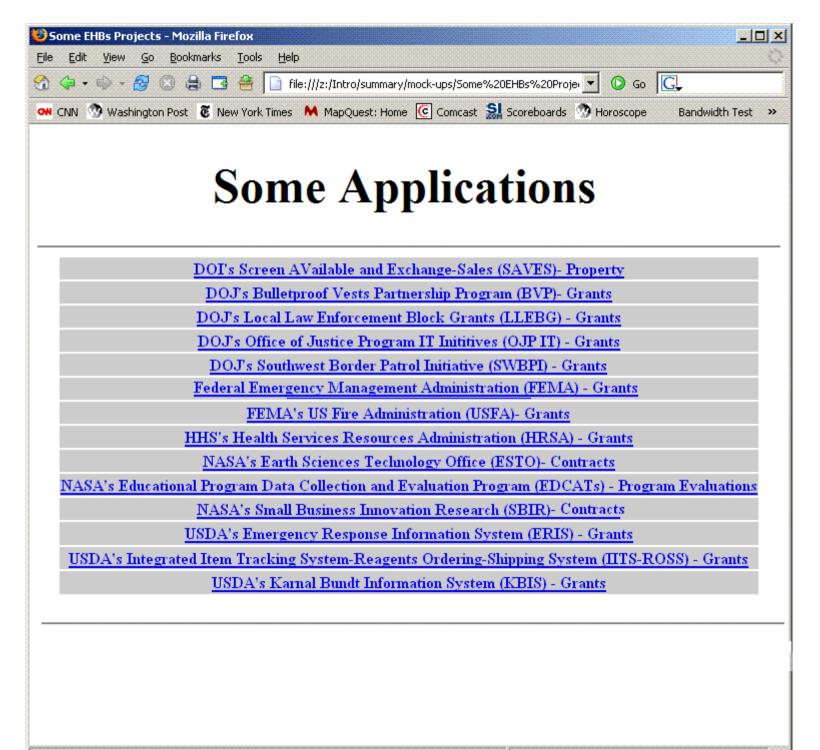


- In Process Libraries (PLs), subprocesses are represented as "plays" where "actors" communicate thru the Internet. Each organization puts on its own "productions". For each role, Electronic Handbooks (EHBs) (also called Guidelines) guide "actors" thru their parts. Managers are "directors" using Worksheets 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]

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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. * - Mozilla Firefox

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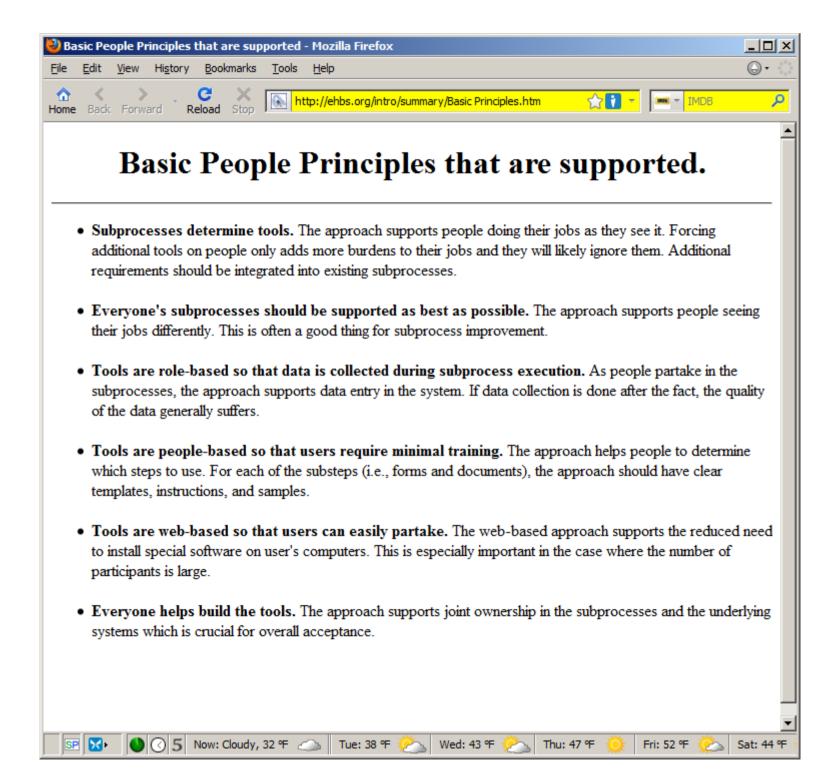
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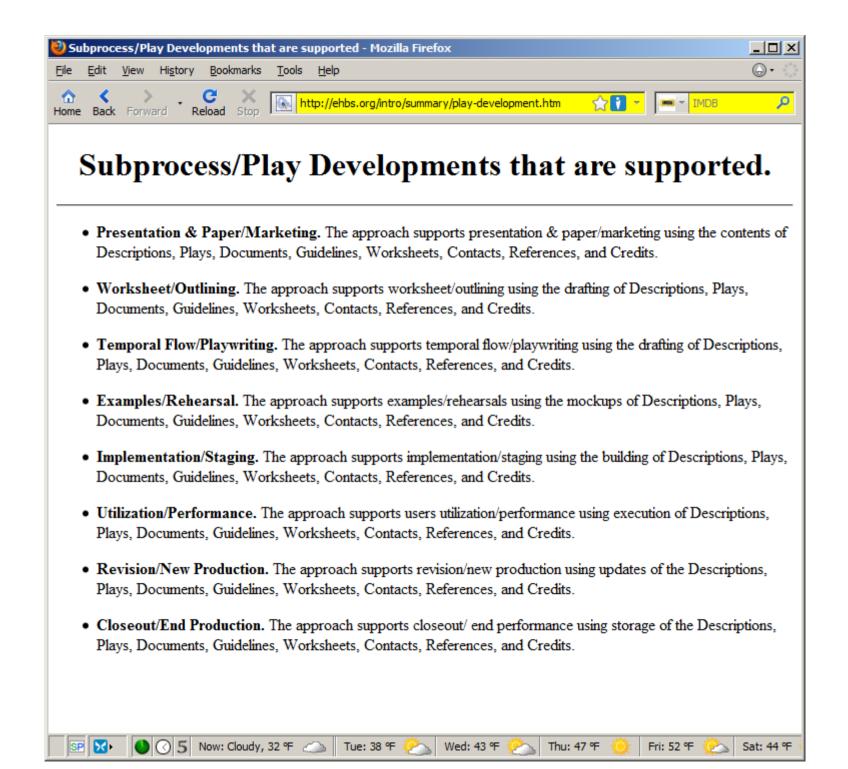
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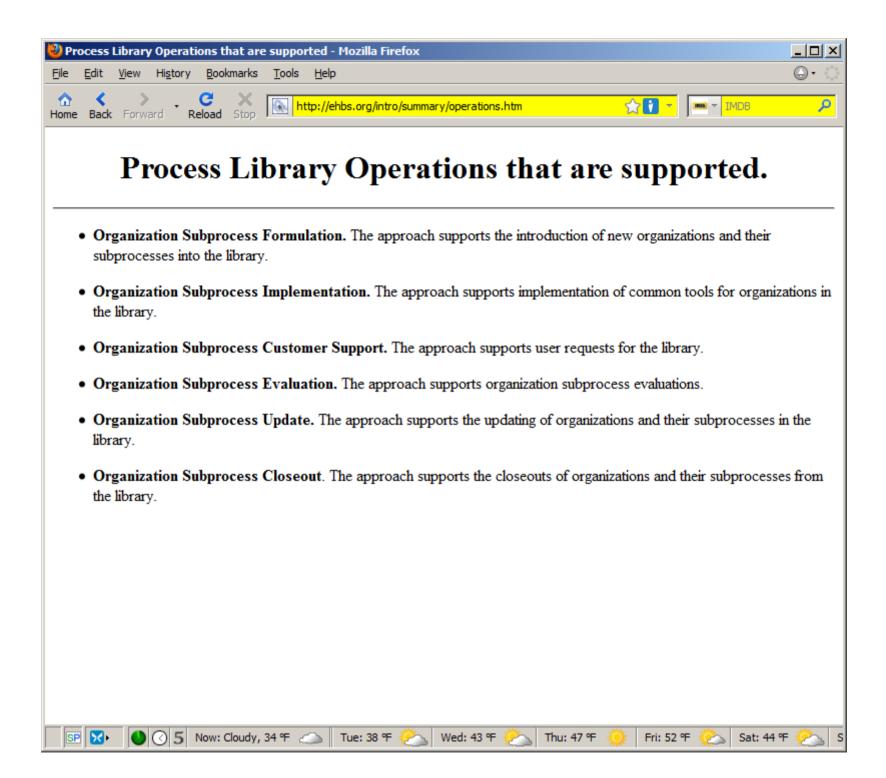
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Subprocess Life-Cycle Views that are supported.

- 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.









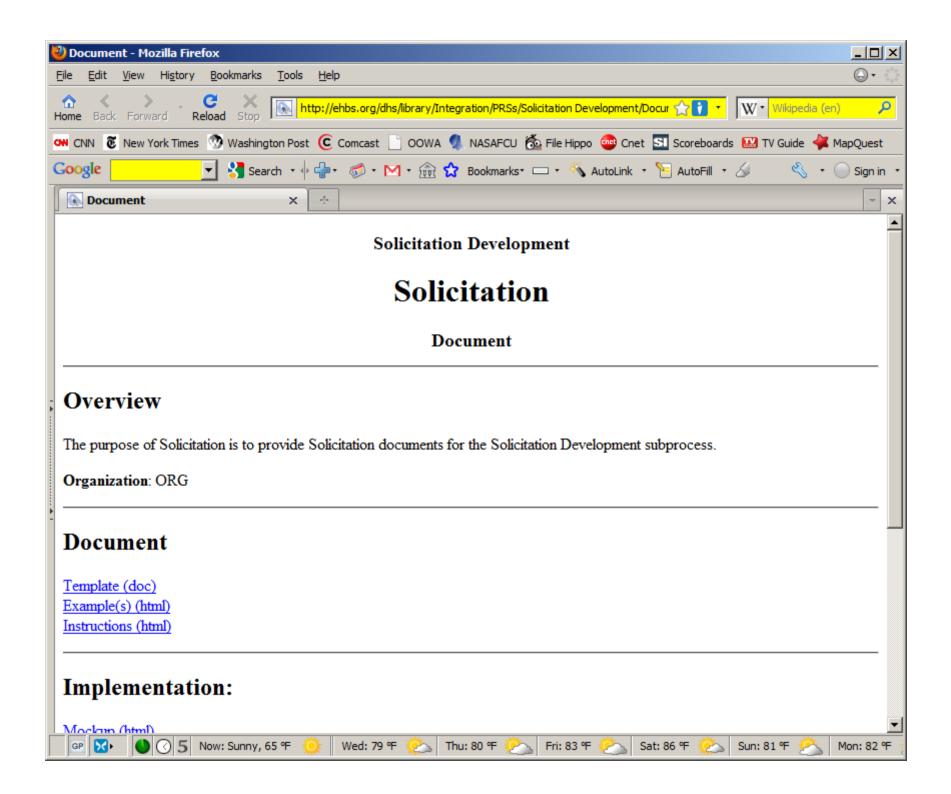
The objective of this tool is to help Department of Homeland Security Grants Managers (and Staff) to quickly learn to build and manage Grants. We present our approach in five bullets.

- We focus on the documents that Department of Homeland Security Grants 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., $\underline{1}, \underline{2}$).
- 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., $\underline{1}, \underline{2}$).

For more information on the Department of Homeland Security Grants Process Library see: paper, summary, and other process libraries.

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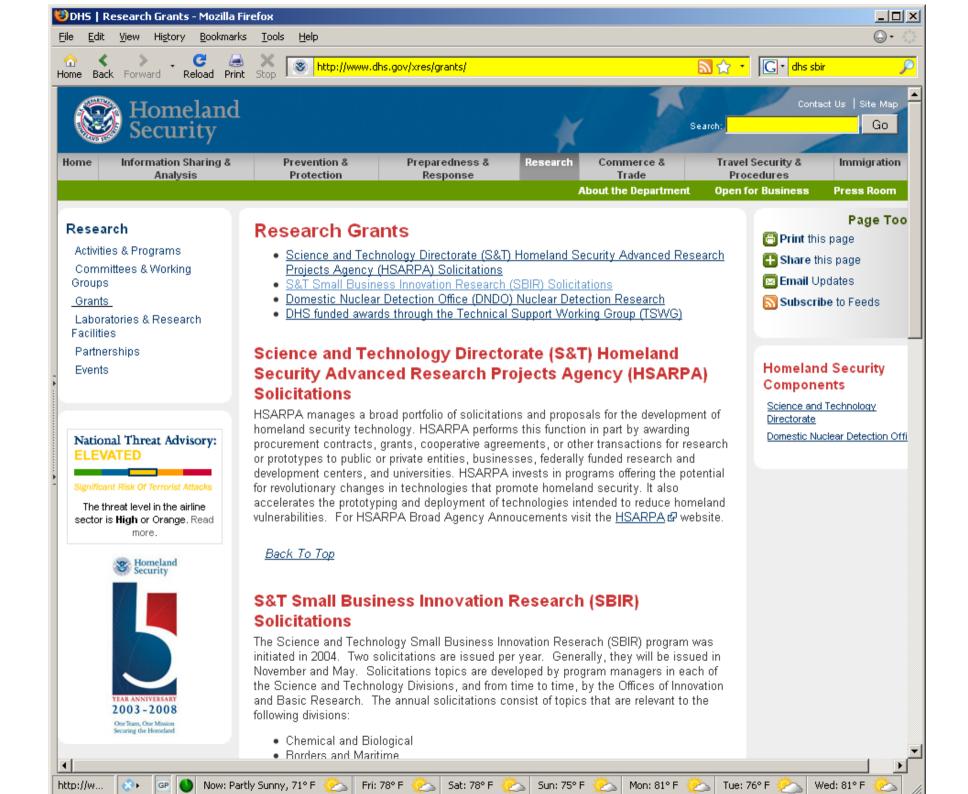
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Documents in Process Libraries have three levels of access.

- 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.

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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 Department of Homeland Security Grants Process Library see: paper, summary, and other process libraries.

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Subprocess Worksheet

Subprocess: Solicitation Development

In this subprocess, we deal with the process of developing,, reviewing, and distributing the Solicitation..

Organization: U.S. Coast Guard

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	Task	Ршрозе	Suggested Roles	Task Lead(s)	Completion Date	Completion Date	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 Administration.	Procurement Manager, Contracting Officer, Contract Specialist, Procurement Reviewer, COTR, Technical Monitor, Awardee, Advisor, Program Manager/Program Executive, Mission Directorate Representative, Topic Manager, Subtopic Manager, Field Center Program Manager, Technology Infusion Manager, Budget Personnel	Helen Stinson	07/23/07	08/23/07	Document Library	Instructions and Samples	Helen Stinson	06/23/07	07/23/07	<u>Library</u> : NS2034	
		Proc	Procurement Manager, Contracting Officer, Contract Specialist, Procurement		06/23/07	06/23/07	Planning Document	Instructions and Samples	Helen Stinson	06/23/07	07/23/07	Library: NS2034	
	Planning	The purpose of this task is to plan the design of Administration.	Reviewer, COTR, Technical Monitor, Awardee, Advisor,	Helen Stinson			Draft Project Requirements Document	Instructions and Samples	Helen Stinson	06/23/07	07/23/07	<u>Library</u> : NS2034	
		M	Program Manager/Program Executive, Mission Directorate Representative, Topic Manager, Subtopic Manager, Field Center Program Manager, Technology hifusion Manager,				Project. Plan	Instructions and Samples	Helen Stinson	06/23/07	07/23/07	Library: NS2034	
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The objective of this tool is to help Department of Homeland Security Grants Managers (and Staff) to quickly learn to build and manage Grants. We present our approach in five bullets.

- We focus on the documents that Department of Homeland Security Grants 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., $\underline{1}, \underline{2}$).

For more information on the Department of Homeland Security Grants Process Library see: paper, summary, and other process libraries.

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Department of Homeland Security Grants Management Using Process Libraries and Electronic Handbooks (Where Shakespeare Meets Freud)

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Find

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0. Introduction

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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 Department of Homeland Security Grants. Department of Homeland Security Grants is a key ingredient of the Department of Homeland Security. Managing complex distributed processes is difficult due to the complexity of the subprocesses, the diversity of views of different organizations, and the diversity of views of managers and participants taking part in the subprocesses.

An outline of the paper is as follows:

In Section 1, we examine common problems that arise in the management of complex distributed processes. In Section 2, we provide an overview of tools that are solutions to these problems. In Section 3, we provide examples of these tools. In Section 4, we outline some complex distributed processes in the Federal Government that are applications of the methodology.

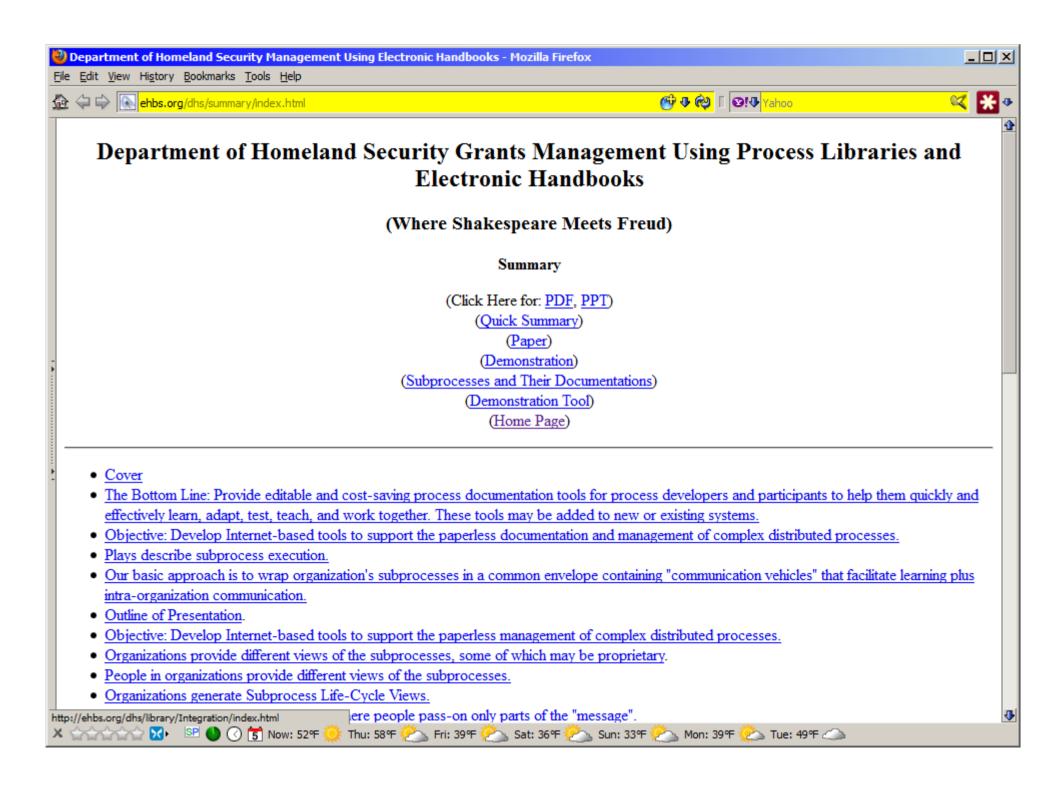
1. Problems

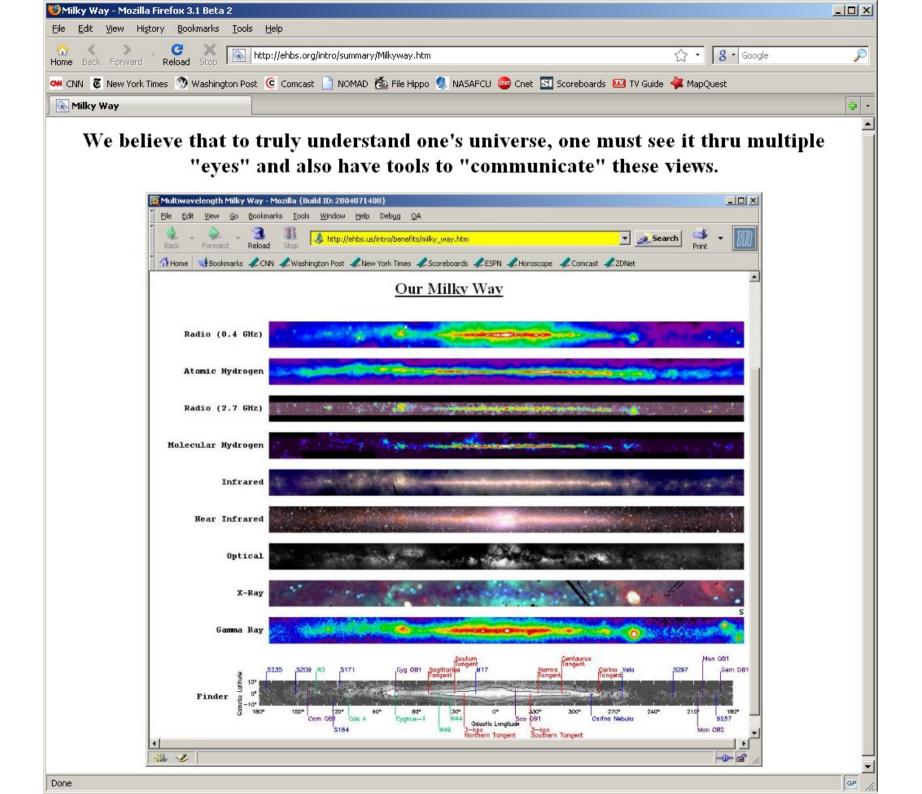
We discuss here some of the problems that are intrinsic to the management of complex distributed processes.

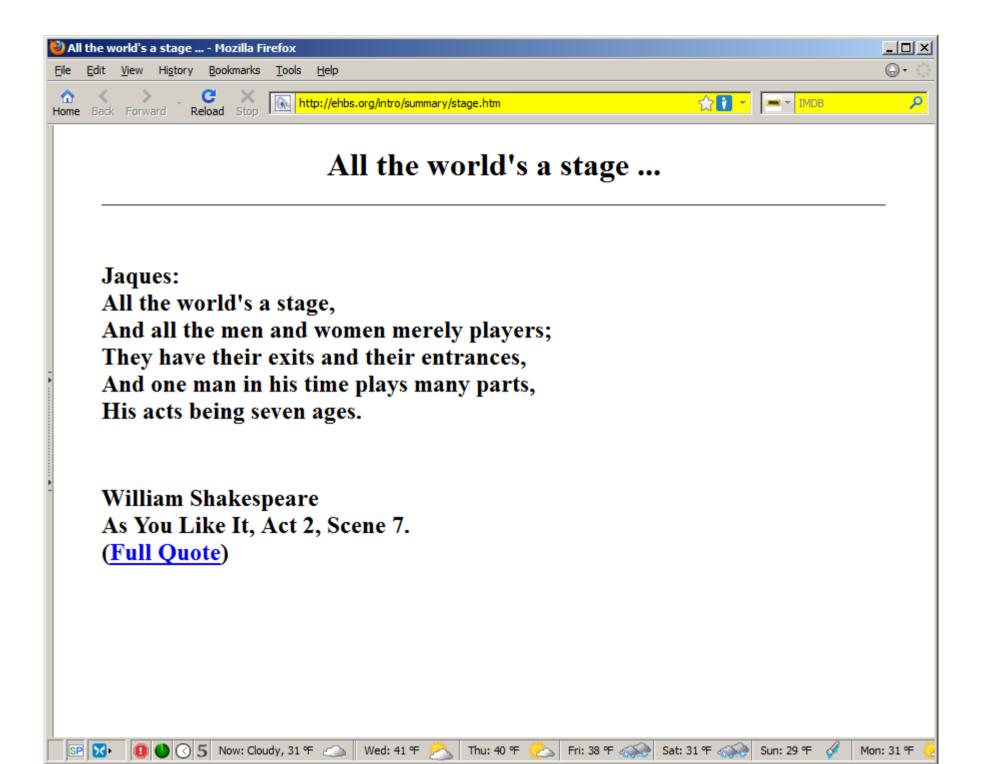
First, complex distributed processes tend to have lots of related subprocesses. For example, Figure 1 (a) shows some of the subprocesses of Department of Homeland Security Grants Management. Notice that we organize the subprocesses into five categories: Product Realization, Product Distribution, Support, Improvement, and Common.

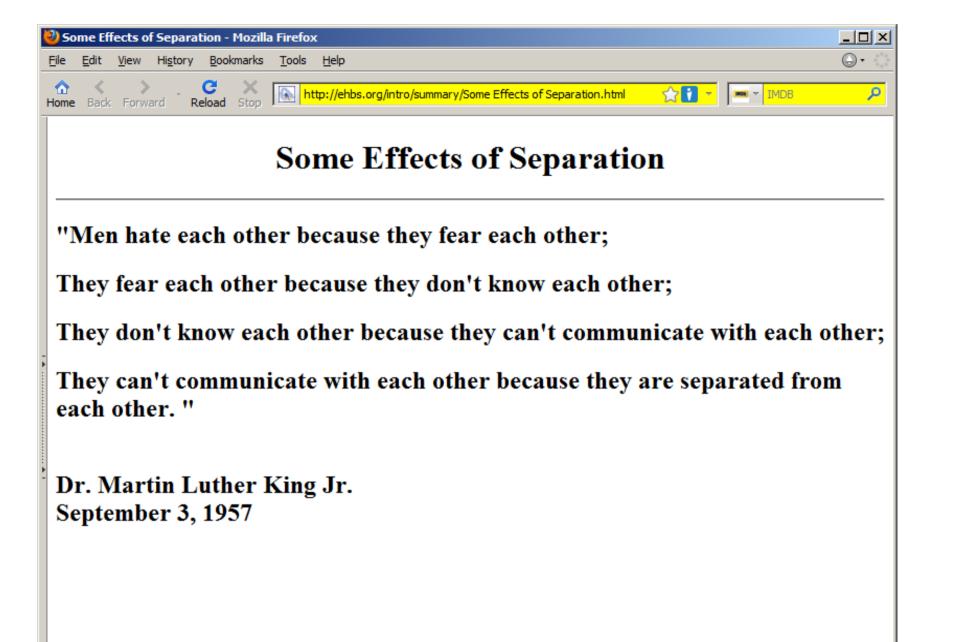
Second, for each subprocess, we tend to have multiple organizations, each having their own view of the subprocesses. For example, Figure 1(b) shows some of the organizations participating in the Department of Homeland Security Grants Management. In addition, there are also organizations that distribute the products that come out of the subprocesses as well as organizations that support and improve the subprocesses.

Third, within each subprocess organization, we have numerous managers and participants, each person having their own view of the subprocess. See Figure 1(c). It is very important that both managers and participants quickly learn and then establish integrated views for their roles in the subprocess. - 🗆 ×









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For More Details

