



# Agenda

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- Presenting ASI ST
- First User Experience WSED
- ASI ST and WSED
- Q&A





# ASIST

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- Services company founded in 1995
- IBM Premier Business Partner
- MSL to Envy migration tool
- GUI <sup>2</sup>GUI migration tool (development)
- Education in VisualAge Generator
- Beta participant for WSED





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# WSED: Used Parts

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- Struts
- Cheat Sheet
- EGL
- Debugger
- Java





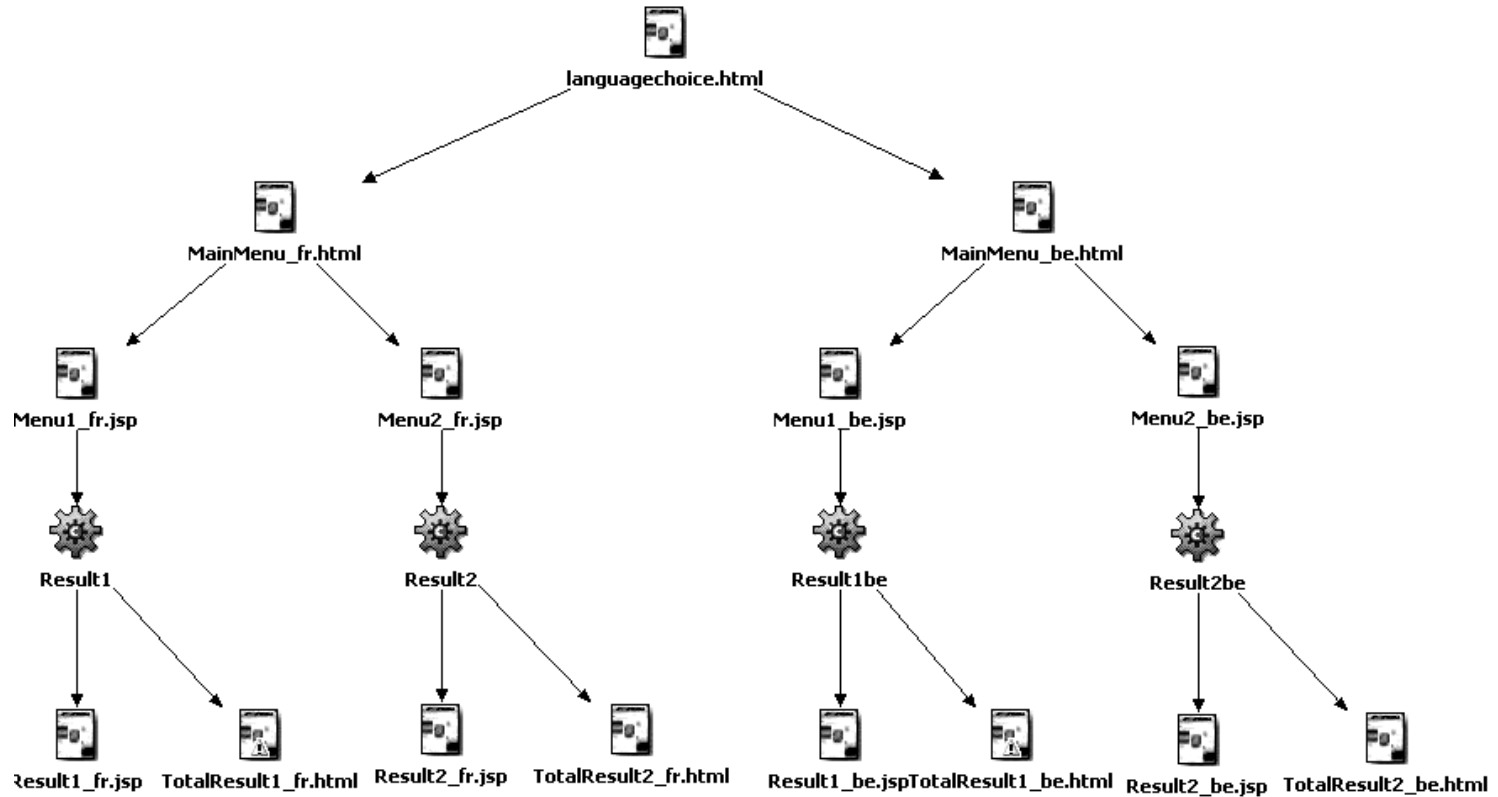
# WSED Impressions

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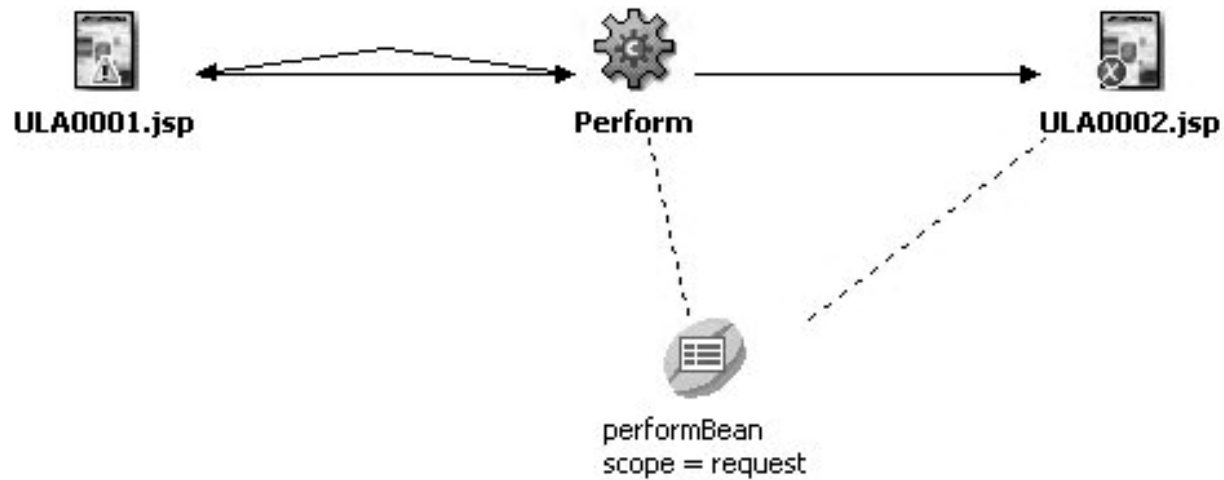
- Integrated workbench
- Struts : visual overview web applications
- EGL
- Debugger : better overview
- Easy configuration WTE
- Performance issues/ heavy system requirements



# Struts : webdiagram



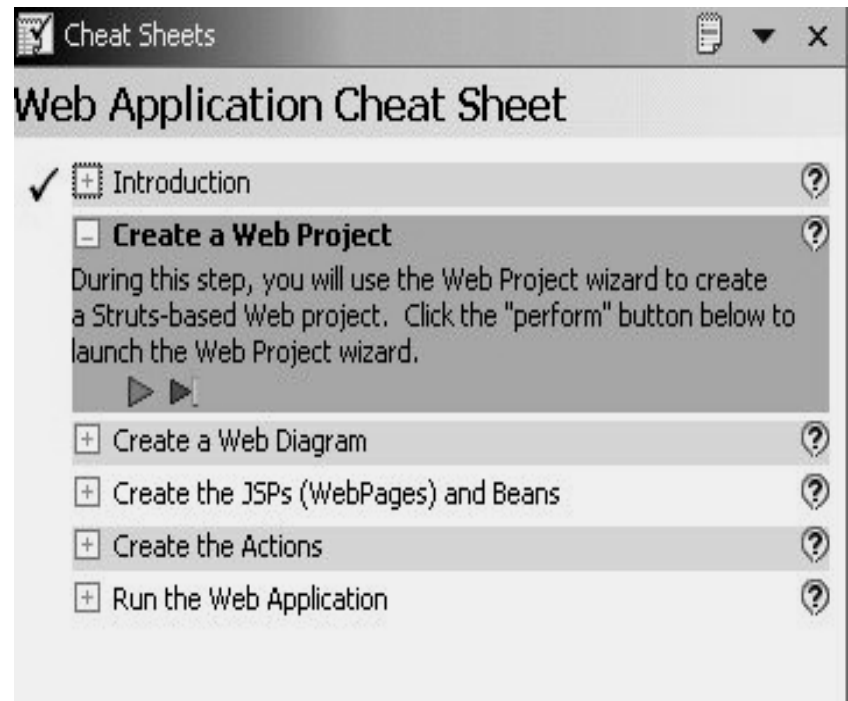
# Struts : webdiagram





# Cheat Sheet

- Web Application to do list
- Very usefull for beginning web programmers







# WSED Impressions

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# EGL

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- Easy to Learn
- Case statement
- Eze words
- Generation Options/ Linkage Options





Web - IBM Websphere Studio Enterprise Developer

File Edit Navigate Search Project Run Profile ClearCase Launch Window Help

J2EE Navigator

- HelloWorldEgl
- Perform
- PerformEAR
- PVMenu
  - Web Deployment Descriptor
  - Java Source
    - pv.dynam.jsp
    - pv.dynam.jsp.wrappers
    - eglsource
      - pveglbld.eglbid
      - PVMENU.eglpgm
      - PVMENU2.eglpgm
      - PVMENU3.eglpgm
      - PVMENU4.eglpgm
    - ApplicationResources.properties
    - pv.properties

J2EE Navigator Server Configuration

Outline

- PVMENU
  - Imports
  - PVMENU
    - Pvmenu1 - Working Storage
    - WSMENU - Working Storage
    - Menu1SQL - SQL
    - RETRIEVE-FISC
    - RETRIEVE-BUT
    - FILL\_URL\_LIST
    - SELECT-PVMENU
    - GET\_LINK\_KEY

PVMENU.eglpgm

PVMENU Script <Enter a description here>

```
1 IF (Pvmenu1.INDEX1 = 0);
2   Pvmenu1.ERROR_CODE = 1;
3   Pvmenu1.LABEL2 = "Fiscalité";
4   RETRIEVE-FISC();
5 ELSE;
6   IF (PVMENU1.INDEX2 = 0);
7     PVMENU1.ERROR_CODE = 1;
8     PVMENU1.LABEL1 = "But de l'assurance";
9     RETRIEVE-BUT();
10  ELSE;
11    PVMENU1.LABEL1 = "But de l'assurance";
12    RETRIEVE-BUT();
13    PVMENU1.LABEL2 = "Fiscalité";
14    RETRIEVE-FISC();
15  END;
16 END;
17 GET_LINK_KEY();
18 WSMENU.LIST_OCC = 1;
19 WSMENU.INDEX = PVMENU1.INDEX;
20 WHILE (WSMENU.LIST_OCC <= WSMENU.NUM_URLS)
21   FILL_URL_LIST();
22   WSMENU.LIST_OCC = WSMENU.LIST_OCC + 1;
23 END;
24
25
26
27
```

Imports PVMENU X

Styles

A style is not available

Gallery | Library | Outline | Web Structure

Tasks | Links | Thumbnail | Styles | Colors | Servers | Console | Generation Results





# Generation/Linkage Options

Property	Value
pgmName	*
type	remoteCall
conversionTable	(no value set)
externalName	(no value set)
location	(no value set)
luwControl	(no value set)
package	pv.dynam.jsp
parmForm	(no value set)
remoteBind	GENERATION
remoteComType	DIRECT
remotePgmType	EGL
serverID	(no value set)





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Debug - IBM WebSphere Studio Enterprise Developer

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Debug

New\_configuration [Debug an EGL Java program]

- Classic VM
  - Thread [PVMENU] (Suspended)
    - RETRIEVE-FISC line: 106 [PVMENU]
    - PVMENU line: 11 [PVMENU]
    - PVMENU.main(String[]) line: 456
  - System Thread [Finalizer] (Running)
  - System Thread [Reference Handler] (Running)
  - System Thread [Signal dispatcher] (Running)
  - pv.dynam.jsp.PVMENU

Variables

- PVMENU
  - EZE Words
  - Pvmenu1
    - INDEX = 0
    - LABEL1 =
    - VARIABLE1 =
    - LABEL2 = Fiscalité
    - VARIABLE2 =
    - LINK\_LIST
    - ERROR\_CODE = 1
  - Menu1SQL
  - WSMENU1

Debug Servers

PVmenudiagram.gph PerformDiagram.gph PVMENU2.eglpgm PVMENU.eglpgm

```
102 end
103 end
104 Function RETRIEVE-FISC()
105     script
106         select (PVMENU1.INDEX2)
107         case(1):
108             PVMENU1.VARIABLE2 = "Sans exonération fiscale";
109         case(2):
110             PVMENU1.VARIABLE2 = "Epargne pension";
111         case(3):
112             PVMENU1.VARIABLE2 = "Epargne à long terme";
113         case(4):
114             PVMENU1.VARIABLE2 = "Assurance dirigeant d'entreprise";
115     end;
-----
```

Outline

- Properties
- Variables
- Script
- Parts
  - Pvmenu1 - Working Storage
  - WSMENU1 - Working Storage
  - Menu1SQL - SQL
  - RETRIEVE-FISC
    - Script
  - RETRIEVE-BUT
  - FILL\_URL\_LIST
  - SELECT-PVMENU
  - GET\_LINK\_KEY

Console [Classic VM]

Console Tasks





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# Hardware Specifications

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- 500 MHz processor
- 512 MB RAM
- 2 GB free disk space







# WSED : Additional Features

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- UI Records





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# ASIST and WSED

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- Proof of Concepts
- Configuration Development Environment
- Migration from existing VA-environment
- Education/Coaching





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# Q&A

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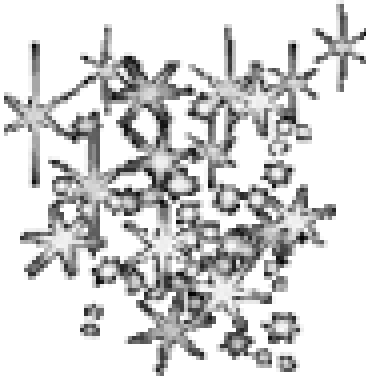


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# ASIST Gifts



Visit  
<http://www.asist.be/Products.htm>

