WWW - World Wide Web (WWW) Design & Programming using

Yerith-Web-DSL-9.0.

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Figure 1: A SOFTWARE architecture overview of yerith—web—pages—generator—9.0

QT-ui (.ui) user interface files

Yerith—web—pages—generator—9.0-DSL

Script files (.spec_html)



YRI-DB-RUNTIME-VERIF
HTML / CSS / PHP / Javascript, etc.
generated files
runtime monitoring

runtime monitoring
verification

Application Server
Running Oracle-open-JAVA-jdk



Figure 2: Yerith-Erp-9.0 COMPONENTS Workflow

Yerith R&D

Yerith-erp-pgi platiNum COMPONENTS Workflow

User of Yerith-Erp-Pgi-9.0-PlatiNUM



All yerith-erp-pgi-platiNum customers and / or clients computers colaborate throughout a computer network to deliver Maximum performance to their Employers

Generated Static / DYNAMIC web sites



Beautiful Company of the Company of





YRI_GVGE: Runtime
Monitoring Verification

DBMS
Data
BASE

customers, suppliers, and / or
Employees are manipulated.

Blue colored arrows are not

BUSINESS data about clients

mandotory connections.
Red colored arrows are mandotory connection for a well funtioning YERITH-Erp-9.0 System.

System-daemon:

Human REsource (HR) payments, alerts about stocks, etc. are checked by this component



Yerith-Web-DSL-9.0 enables automatic generation of part enclosed working source code for Web-Browsers for users of Enterprise Resource Planing Software Yerith-Erp-9.0-PLATINUM;

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Chapter 1

INTRODUCTION

THIS chapter motivates the need for creating Yerith–Web–DSL–9.0.

1.1 Motivation for Web Pages Dynamically

Selling anything you wish over a computer channel like the World Wide Web is a tremendous advantage over concurrent businesses because you can reach people that live anywhere in an instant and / or moment of opening a web HTTP–SSL link.

- 1.) Advertising:
- 2.) Selling and Getting Money over a credit card;
- 3.) etc

Interactions over static dynamic web pages linkage is very important so to enable users to choose and contact you.

Current (years-2025; onward), websites like

- 1.) www.prc.cm (https://www.prc.cm)
- 2.) www.facebook.com (https://www.facebook.com)
- 3.) www.yahoo.com (https://www.yahoo.com)
- 4.) www.amazon.com (https://www.amazon.com)
- 5.) etc..

are very imposing in terms of the quantity of users that sell, buy, advertise and / or propose other things.



1.2 HTML as an assembler–like programming Language

Table 1.1: yerith-web-pages-generator-9.0-dsl keywords and meaning (An excerpt).

Yerith-Web-DSL-9.0	(level) Nested in keyword	Programming related meaning
keyword		
1 yerith_web_pages_generator_MAIN		Contains web site all pages description
2 web_html_page_menu_bar_headers	(1) yerith_web_pages_generator_MAIN	Contains web site each page menubar pages names
3 web_html_page	(1) yerith_web_pages_generator_MAIN	A HTML page description
4 yri_html_page_title	(3) web_html_page	A HTML page title
5 yri_html_page_input_header_menu_bar	(3) web_html_page	Inputs a menubar onto this HTML page
6 yri_html_page_text_SECTION	(3) web_html_page	Describes a text section on a HTML page
7 VARIABLE_YRI_PARAGRAPH	(6) yri_html_page_text_SECTION	Defines text paragraph within a HTML page
8 text_yri_font_size	(1) yerith_web_pages_generator_MAIN	Defines a font size
9 text_yri_width_box	(1) yerith_web_pages_generator_MAIN	Defines a width for a text paragraph

Listing 1.1: Sample HTML "index.php" code.

```
<!doctype html>
1
2
3
     <html>
4
5
     <head>
            <link rel="stylesheet" type="text/css" href="YRI_TEMPLATE_DSL_CSS_FILE.css">
6
7
            <title> YRI_TEMPLATE_DSL_Page_title </title>
8
     </head>
9
10
     <body>
            <div>
11
                   YRI_TEMPLATE_DSL_Page_Body_CONTENT
12
13
            </div>
     </body>
14
15
16
     </html>
```

 $Listing \ 1.1\ illustrates\ a\ sample\ design\ with\ TEMPLATE-strings\ Index-web-page\ generator\ HTML\ code.$

It is very tedious and disgusting for people like myself to develop web HTML pages writing directly HTML syntax code since this is kind of ASSEMBLER tedious writing syntax and thoughts.

THIS is why I decided to create a programming high–level view kind–of C⁺⁺; Java programming syntax. Yerith–Web–DSL–9.0 will have following programming languages design properties & styles:

1.) untyped.

Chapter 2

Conclusion

