

# Automation of Various Processes of ERP System Using Real Integrated Price Language

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**Abstract:** This research effort aims to mechanize the ERP system of an industry using real integrated price language and attempts to investigate its advantages over normal ERP systems approach. Real Integrated Price language works in various phases of ERP processing and is divided into the different parts on which the language shows the capability:- a) Interface of Client Requirements Input b) URL Creator and Checker c) Streaming of the URL hit d) Crawling the web page e) Extract the information from the web Pages f) Creating the Final Report of the Extracted information g) Showing the All Data on the GUI interface. In this work input entered by the client is only a manual process after this the complete process is processed automatically by the tool and the language design for this is real integrated price language and it improves the efficiency of ERP System.

**Keywords:** ERP, RIPL

## 1. Introduction Of Real Integrated Price Language

ERP is generally referred to as a class of business-management software typically a set of integrated applications that an association can use to collect, store, manage and interpret data from these many business activities. ERP provides an integrated and continuously updated view of core business processes using common databases maintained by a database management system. ERP facilitates information flow between all business functions and manages connections to outside stakeholders. Real Integrated Price Language plays a very important role in ERP system for their automation in particular zone where the manual interaction is required for making the decision on the basis of data collected from the third party. Real Integrated Price Language is divided into the different parts RIPL is a scripting language like assembly [1], which is used to write the scripts for some specific needs. Generation of Dynamic URLs.

1. Crawling.
2. Extraction.
3. Report Generation.

But it is further subdivided in more parts. The collected information like Hotel Name, Check-date, Checkout-date, Room Rate and Room Description with the help of this application i) Crawl the Web Pages from the different -2 sites with the help of URLs ii) Generation of URLs iii) Extract the information from the web Pages iii) Creating the Final Report of the Extracted information iv) Showing the All Data on the GUI interface [2].

## 2. Issue Arise In Online ERP System

- I. Non availability or logical error in URL designing for data collection from third party. [3].
- II. Un-relevant data
- III. Blocking of URL
- IV. Lack of priority designing in ERP system.

## 3. Handling of ERP Issues By RIPL

- I. From third party data collection for improving our decision structure in online ERP system generally require url for searching the website but due to some logical error if it is not possible than RIPL generally focus on previous design url and database extraction in their logical format, approximately 95% case it gives good result.
- II. If un-relevant data is there than RIPL reject that phase and try to find the new relevant data.
- III. Blocking of url can be handle by RIPL tools.
- IV. IN RIPL priority design is must and it handle the manual case of priority handling in designing phase which is in dynamic mode and can be update later, it handle the manual phase of ERP and make it automated.

## 4. Processing And Execution Of Steps In Real Integrated Price Language

### Step 1

#### Interface of Client Requirements Input.

### Step 2

#### URL Creator and Checker

For collection of information like from web-link first of all url is generated according to SRS, url generated and maintain a file (Target page url may be from branded or commercial site according to specification)

### Step 3

#### Streaming of the URL hit.

Stream the url in particular order in which they hit.

**Step 4**

**Crawling the web page.**

In this the target page is downloaded from the source in to particular location so that we can further use it for extraction the data.

**Step 5**

**Extraction:-**Extract the information from the web Pages

**Step 6**

Creating the final report of the extracted information.

**Step 7**

Showing the all data on the GUI interface.

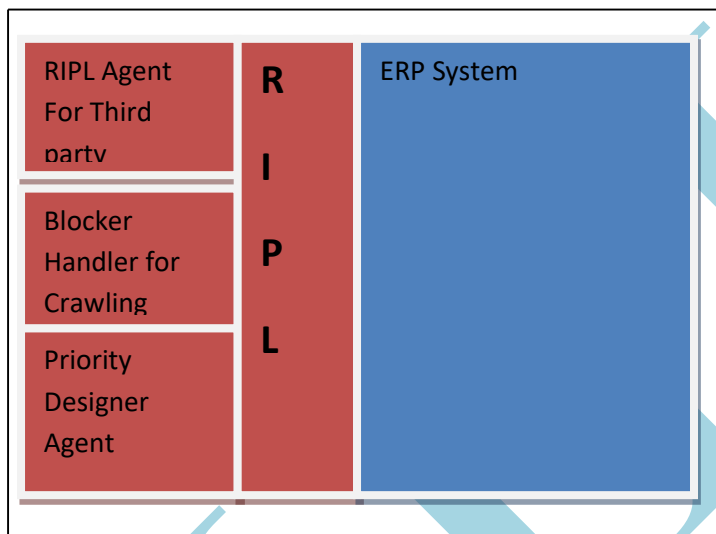


Fig.1.1 RIPL with ERP

**5. Conclusions**

In this work,ERP system of a industry using real integrated price language and attempts to investigate its advantages over normal ERP systems approach. Real Integrated Price language work in various phases of ERP Processing which play very important role by which ERP system became more automated.

**7. REFERENCES**

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