



MIMOS Intelligent Web Clipper Platform (Mi-Clip)

In order to harness digital information and content from the Internet and present it to the user, a content aggregation tool or web bot is needed. MIMOS Mi-Clip is a web-based application that simulates the human exploration of the Internet by creating web bots that extract information from websites using specially-coded software algorithms.

Overview

MIMOS Mi-Clip is a web scraping/harvesting application to create web bots. The platform provides users with tools to extract content and perform automation on websites and finally store the information into a user-categorised database. It allows users to define the information source, determine how the information is extracted and how the extracted data is presented. It helps transform resources available on the web into well-defined nuggets of information by implementation of low-level HTTP through PHP scripting and MySQL database.

Features

Mi-Clip comprises the following features:

■ Wizard Robot

The wizard robot is used to create RSS clips, web mining clips, in-depth search clips and multimedia mining that are easily configurable. This is built for those with minimal knowledge of PHP scripting.

■ Generic Robot

Clips can be created and customised using Mi-Clip's drag-and-drop function. With PHP knowledge, this robot can be programmed to extract and present desired information.

■ Web-Based and Multi-User

The Mi-Clip web application is compatible with any operating system and can handle multiple users.

■ Scheduler

Execution of the created robots in Mi-Clip can be managed using the scheduler.

Technology Benefits

The main impacts of Mi-Clip are:

■ Broad Web Content Extraction

Mi-Clip's robots can easily scrape any information that is visible on the Internet into HTML format.

■ Automation Process

Users of Mi-Clip can program robots to perform automated processes/tasks in harvesting information.

■ Clip Customisation

Flexibilities are built into Mi-Clip offering choices to users to fine-tune clips for information source, gathering and presentation.

Technology Summary

Mi-Clip

A web scraping/harvesting application to create customised web bots.

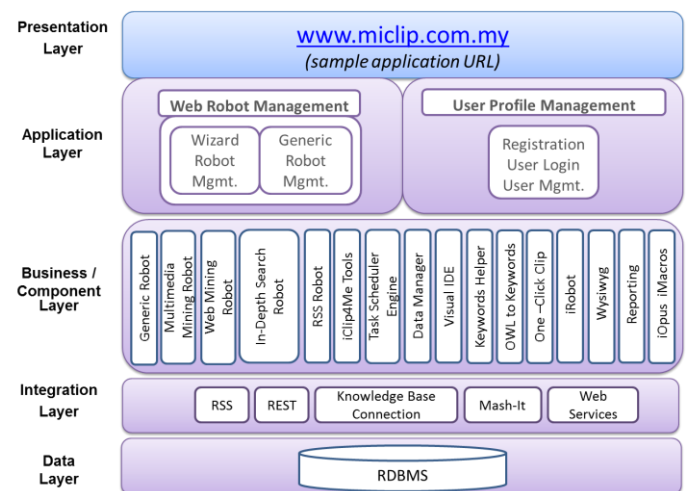
Industries: Enterprise, Government

Features

- Wizard robot
- Generic robot
- Web-based and multi-user
- Scheduler

Technology Benefits

- Broad web content extraction
- Automation process
- Clip customisation



MIMOS Mi-Clip system architecture

System Requirements

Mi-Clip	
Hardware Requirements	
Processor	Dual-Core Processor, 2.5GHz
Memory	Minimum 4GB of RAM
Disk Storage	Minimum 20GB of hard disk space
Software Requirements	
Operating System	Windows® Server 2003 32-bit Linux® 32-bit
Web Server	Apache 2 and above
Database	MySQL® 5.2 and above
Language Compiler	PHP 5.2 and above
Software Package	MoWeS on Windows LAMP on Linux