



AgrobIS: MARDI EFFORT ON SHARING INFORMATION OF AGRICULTURE BIODIVERSITY

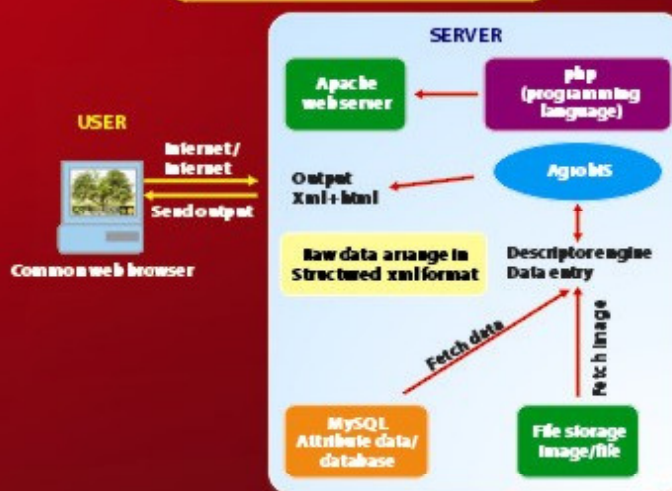
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INTRODUCTION

MARDI has developed a web-based agrobiological database system to facilitate information sharing on Malaysia agriculture biodiversity. The system called, Agrobiodiversity Information System (AgrobIS) consists of specialized and comprehensive information related to the collection and conservation of genetic resources of agrobiodiversity. AgrobIS is developed based on object orientated approach and using the open source facilities or softwares.

Facilitate access to agrobiodiversity data of Malaysia via the internet and promote utilization of native biological resource leading to sustainable agriculture development

SYSTEM ARCHITECTURE



SAMPLE INFORMATION DERIVED FROM AgrobIS



FEATURES

- A real time object – oriented web based system with database development application
- Capable of handling various descriptors values such as text, image, link, hyperlink, numbers and date
- Facilitate easy access for data management and updating
- This database also supports the information on diversity at species level which covers the distinct populations within the species such as in rice and mangoes
- AgrobIS is expandable for other agrobiodiversity components such as livestock diversity management.
- Easily integrated with Geographical Information System (GIS)