



LabPlus Configuration – Resources

In LabPlus all static and semi-dynamic data can be easily configured based on the agile database and the LabPlus data structure.

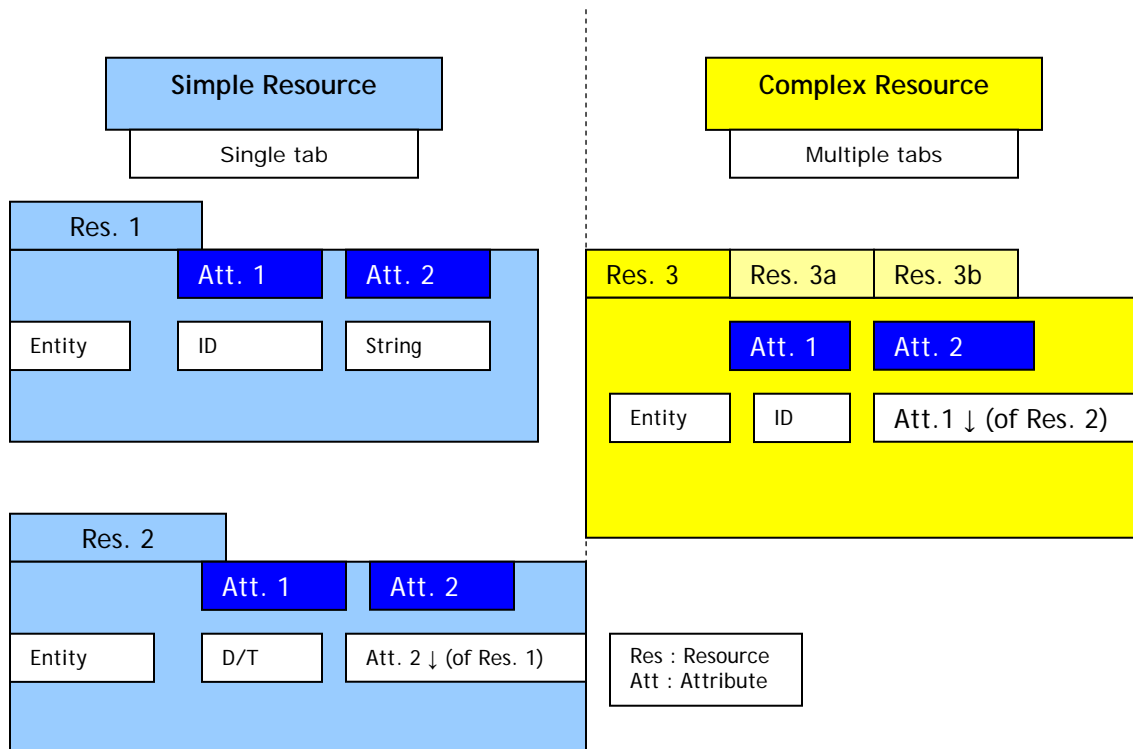
Even if LabPlus is delivered with most used types of resources used by laboratories, it is very easy to add more resources or to just reference those resources (generic or configured) to better identify, describe, and report laboratory data.

This characteristic of the system LabPlus offers a flexibility which, up until now, was only available in customized LIMS applications.

How it works?

In LabPlus resources consist of app_classes (tables) and attributes (fields) for which data (entities) will be provided. So a resource can be a simple list such as list of status, list of sampling points, or can be a complex one that comprises business rules such as method for which method test definitions, method test validations, and method QC plans can also be defined.

Diagram of simple resources, complex resource, and their attributes



All the required Lists of data or Resources can be configured with their set of attributes.



Moreover, a resource can act as an attribute and be referenced into another resource.

So a referenced attribute will automatically produce a filtered dropdown list of records (entities) available to choose from when setting the attribute value.

Attributes can be of various formats:

String, Text (multi-line), Text (xml), Integer, Date, DateTime, Time, Boolean, Floating Point, Caption, Status, Reference, and Set.

Moreover each attribute can be further qualified as: mandatory, read only, and write once.

More functionality – More flexibility!

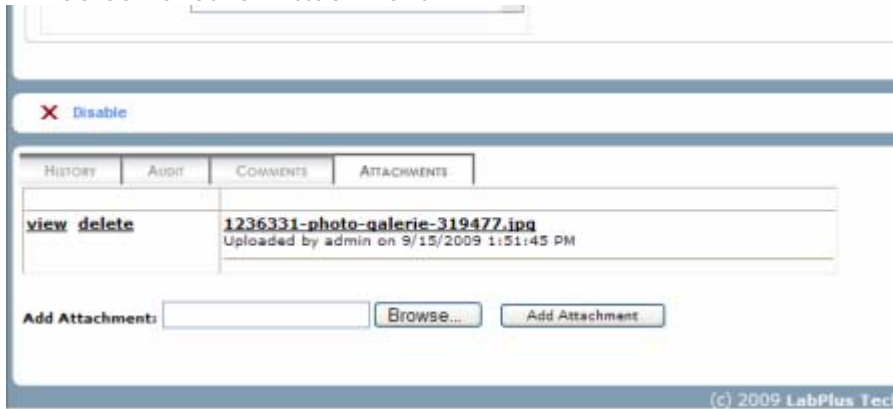
Satellite functions are available for all entities. The satellite functions provide the implementation of advanced pre-designed functionality to an entity.

Attached to each entity (record) of a resource, this is where these functions are deployed:

History and Audit functions are used for traceability of actions and modifications performed to an entity;

Comment and Attachment functions allow to store more information about an entity; more than one comment can be created thus a discussion can be preserved as well as many attached documents or images.

Ex. Screen shot for Attachment



At LabPlus Technologies we understand that laboratories need to have the ability to log, maintain, and access information based on their specific requirements.

LabPlus provides features enabling you to implement the perfect set of features they need through configurable resources, attributes, workflows, and business rules.