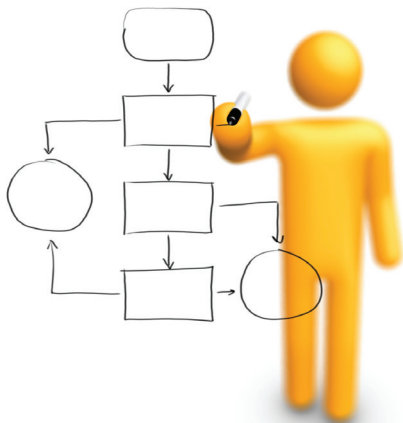


# ACCELRY'S BIORAILS PTO

**Project tracking and optimization.** Accelrys BioRails PTO is a unique system that supports project tracking and optimization. Today's drug discovery process requires coordination among multiple teams not just within a single organization but increasingly across geographical and organizational boundaries. Coordination and tracking of these activities are often a challenge resulting in reduced cycle times and poor progress transparency to project teams and executives. Accelrys BioRails PTO supports project teams and scientific laboratories by providing a single environment in which requests for any type of activity can be tracked and progress measured and reported. This ensures that requests cannot fall through the cracks and that all levels of management can effectively optimize the overall process.

## WHAT IS ACCELRY'S BIORAILS PTO?

- Accelrys BioRails PTO is a web based application for creating and tracking requests for scientific experiments and results
- It allows laboratory teams to create and manage to do lists for their assays, studies and other service offerings
- Accelrys BioRails PTO facilitates the following key capabilities:
  - Creation of services to provide experimental procedures to other teams



- Allows project teams to make requests for materials to be tested in selected procedures
- Automates requests for tests as materials are synthesised or sourced
- Creation of cascades of services with progression rules that allow materials to transition from one tier to another based on results
- Provides interactive reports showing progress of materials across the cascade, highlighting bottlenecks and empowering managers to take action
- Automatically records key events for KPI reporting

## WHO DOES ACCELRY'S BIORAILS PTO HELP?

- Heads of departments – provides visibility on project progress and insight into bottlenecks
- Laboratory managers/study directors – organizing research and tracking progress
- Scientists and technicians – provides a simple way to track your work and remove the need for manual recording of work items

## CHALLENGES

- Efficient delivery of results to project teams requires knowing what to test in what order
- Turnaround times are slow causing bottlenecks in projects and wasting money
- Coordinating efforts across organizational and geographic boundaries is often difficult

## SOLUTION

### One system that supports:

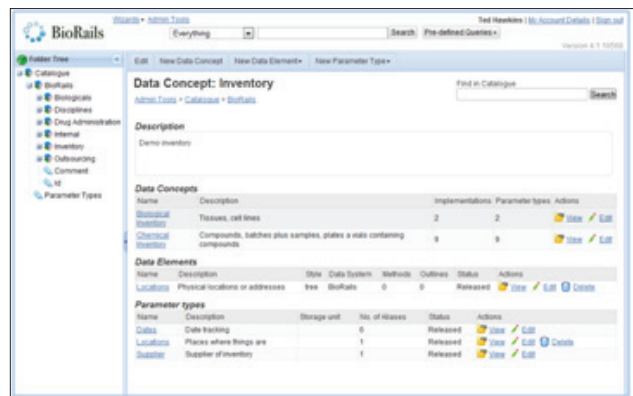
- Requests – Automated and manual requests for scientific services
- Prioritization – prioritize work based on inventory, capacity, time and personal
- Scheduling – allocate time slots and people to ensure optimization of laboratory processes
- Transparency – makes progress of requests transparent to project teams, laboratory managers and executives
- Automation – automate progression decisions and route materials to the right assays



Accelrys BioRails PTO is built on the Accelrys BioRails platform which provides:

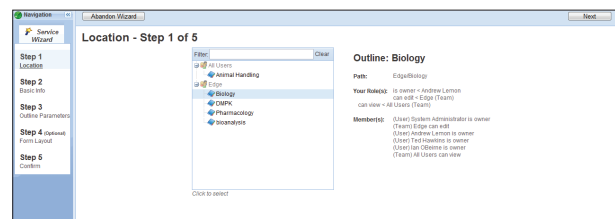
## MASTER DATA MANAGEMENT

- Build and maintain a catalogue of all your master data
- Federate terms and terminology from across your organization
- Create a catalogue of parameters used to describe services



## SERVICE DEFINITION

- Create and publish service queues for project teams to request a wide range of services
- Define the information that requester should provide
- Sort and prioritize requests





## SUMMARY

Accelrys BioRails PTO provides a single platform for tracking and optimization of project and laboratory workflows. Track requests for assays, studies and other types of scientific activity from requester to delivery of results all in one system. Record and monitor progress and ensure that nothing gets missed.

Accelrys BioRails PTO is an essential tool for managing drug discovery and development projects.



## SYSTEM REQUIREMENTS

- Application Server OS
  - RedHat/Centos 5.x 32/64\*bit
  - Suse/OpenSuse 11.x 64bit
  - Virtualised on other platforms
  - Min 1Gb RAM, Min 2 processors
- Database
  - Oracle 10+
  - MySQL 5+

To learn more about Accelrys BioRails PTO, go to [accelrys.com/biorails-pto](http://accelrys.com/biorails-pto)