Galaxy sample tracking streamlines the delivery of data from sequencing runs to customers

how?

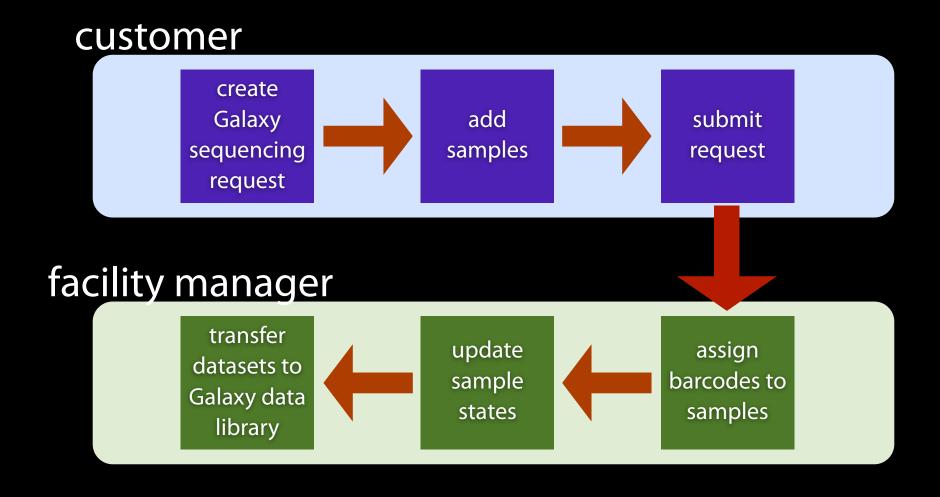
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- The customer can watch the progress
- When the run is complete, the resulting data is transferred to the requested data library

who does what?



example sequencing request lifecycle

Events for Sample "Sample_1" Browse this request User: rc@bx.psu.edu Last Update State Description Comments Sample Received 27 minutes ago Run Started Feb 25, 2010 bar code scanner Library Complete Feb 25, 2010 bar code scanner Library Started Feb 25, 2010 bar code scanner Sample Received Feb 25, 2010 Sample added to the system Feb 25, 2010 Samples created. New Change current state Select the new state of the sample from the list of possible state(s) Sample Received (Current) \$ Comments Optional Save

transferring the data

 Remote file browser to select datasets on the sequencer and transfer them to the requested Galaxy data library



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- Configure the sequencer information for communication with Galaxy
- Permissions to submit requests is granted to specific users

What if my facility uses a LIMS? Will it work with Galaxy?

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- Galaxy uses a generic messaging engine with a very simple XML api for communication with the sequencer. This same messaging engine can communicate with a LIMS application.