How to change objects in Rails

How many objects will you change?

A single object

Multiple objects

What additional processing is required?

References internal state.

* References other objects.
* Uses a 3rd party service.
* Performs multiple steps.

What additional processing is required?

Follow the link in the footer to find out more about Service Objects.

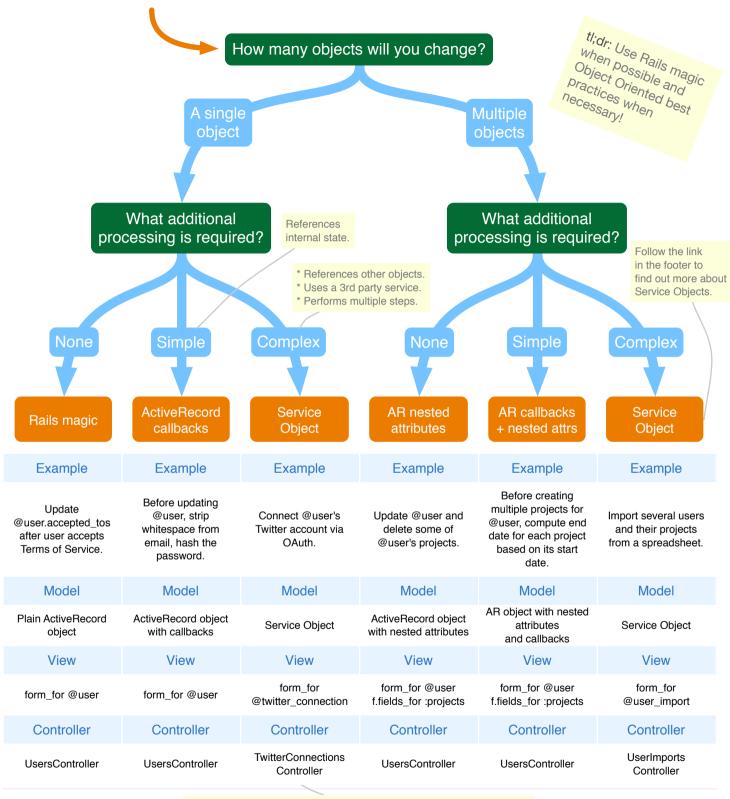| None	Simple	Complex	None	Simple	Complex
Rails magic	ActiveRecord callbacks	Service Object	AR nested attributes	AR callbacks + nested attrs	Service Object
Example	Example	Example	Example	Example	Example
Update @user.accepted_tos after user accepts Terms of Service.	Before updating @user, strip whitespace from email, hash the password.	Connect @user's Twitter account via OAuth.	Update @user and delete some of @user's projects.	Before creating multiple projects for @user, compute end date for each project based on its start date.	Import several users and their projects from a spreadsheet.
Model	Model	Model	Model	Model	Model
Plain ActiveRecord object	ActiveRecord object with callbacks	Service Object	ActiveRecord object with nested attributes	AR object with nested attributes and callbacks	Service Object
View	View	View	View	View	View
form_for @user	form_for @user	form_for @twitter_connection	form_for @user f.fields_for :projects	form_for @user f.fields_for :projects	form_for @user_import
Controller	Controller	Controller	Controller	Controller	Controller
UsersController	UsersController	TwitterConnections Controller	UsersController	UsersController	UserImports Controller

Use the default REST actions (create/update/destroy) in each controller