GENERATOR INSTANCE METHODS — HELPFUL VALUES & METHODS

Name	Description	Returns
application_name	Name of the Rails application.	String
options	Generator options specified from the command.	Hash
args	Collects any unassigned arguments from the command line.	Array<String>
attributes_names	Names of all attributes provided by command line if the generator has an **attributes** argument.	Array<String>
source_paths	Collection of paths that will be searched for source files.	Array<String>
destination_root	Defaults to **Rails.root**, but can be overridden with **destination**.	String
pluralize_table_names?	Shortcut to **ActiveRecord::Base.pluralize_table_names**	Boolean
uncountable?	**plural_name == singular_name**	Boolean

GENERATOR CLASS METHODS   Access via **self.class.** from within generator methods.

Name	Description	Returns
.base_name	Top-level module or class name if the generator has one.	String
.generator_name	Name of the generator class with "Generator" removed.	String
.exit_on_failure?	Should the controller automatically exist if there's an issue?	Boolean
.arguments	List of all of the generators arguments.	Array<String>
.class_at_least_one_option_names	Collection of the groups of "at least one" options.	Nested Arrays
.class_exclusive_option_names	Collection of the groups of "exclusive" options.	Nested Arrays
.usage_path	Path the generator's USAGE file.	String
.source_root	Defaults to the generator's templates folder.	String
.source_root=	Specifies the source folder for generator actions.	–

GENERATOR INSPECTION   Require **rails/generators** in IRB to review these.

Name (via Rails::Generators)	Description	Returns
.fallbacks	Replacement options when a generator's options aren't available.	Hash
.sorted_groups	Nested arrays of top-level namespaces and their generators.	Nested Arrays
.public_namespaces	Namespaces/names of all non-hidden generators in scope.	Array<String>
.subclasses	Classes of all available generators in an application.	Array<Class>
.subclasses.index_by(&:namespace)	A handy way to sort subclasses when inspecting generator lookups.	Hash
::DEFAULT_ALIASES	Default aliases to use for common options.	Hash
::DEFAULT_OPTIONS	Default values for some shared options.	Hash

ACTIVERECORD INTROSPECTION   See **ActiveRecord::ModelSchema::ClassMethods**

Name (via model Class)	Description	Returns
.attribute_names	Collection of all of the model's attribute names.	Array<String>
.column_for_attribute(attr_name)	The **Column** object for the named attribute. (Or **NullColumn**.)	Column
.type_for_attribute(attr_name)	The data type and specifications for the attribute.	Data Type
.columns	Collection of column instances for all of the models columns.	Array<Column>
.column_names	Collection of the model's column names.	Array<Column>
.ignored_columns	Collection of the model's currently ignored columns.	Array<Column>
.content_columns	Columns excluding ID's, counts, or single-table inheritance.	Array<Column>
.column_defaults	Configured default values for columns.	Hash

MODELS, ROUTES, AND FILES   Inherit from **Rails::Generators::NamedBase** and get these… — INFLECTIONS

Inflection	Simple Name	Nested Name
name	Dog	Animal::Pet::Dog
human_name	Dog	Dog
singular_name	dog	dog
plural_name	dogs	dogs
class_name	Dog	Animal::Pet::Dog
class_path	[]	["animal", "pet"]
regular_class_path	[]	["animal", "pet"]
file_path	dog	animal/pet/dog
file_name	dog	dog
plural_file_name	dogs	dogs
fixture_file_name	dogs	dogs
table_name	dogs	animal_pet_dogs
singular_table_name	dog	animal_pet_dog
plural_table_name	dogs	animal_pet_dogs
model_resource_name	dog	animal_pet_dog
redirect_resource_name	@dog	@animal_pet_dog
singular_route_name	dog	animal_pet_dog
plural_route_name	dogs	animal_pet_dogs
route_url	/dogs	/animal/pet/dogs
url_helper_prefix	dog	animal_pet_dog
index_helper	dogs	animal_pet_dogs
new_helper	new_dog_url	new_animal_pet_dog_url
show_helper	dog_url(@dog)	animal_pet_dog_url(@animal_pet_dog)
edit_helper	edit_dog_url(@dog)	edit_animal_pet_dog_url(@animal_pet_dog)

RESOURCE HELPERS   Include **Rails::Generators::ResourceHelpers** and get these…

	Simple Name	Nested Name
controller_name	dogs	Animal::Pet::Dogs
controller_file_name	dogs	dogs
controller_file_path	dogs	animal/pet/dogs
controller_class_name	Dogs	Animal::Pet::Dogs
controller_class_path	[]	["animal", "pet"]