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## Changeset 3939

**Timestamp:** 03/18/06 20:10:52 (2 years ago)

**Author:** david

**Message:** Added easy support for testing file uploads with  
 fixture\_file\_upload (closes [#4105](#)) [turnip@turnipspatch.com]

**Files:** ☐ [trunk/actionpack/CHANGELOG](#) (1 diff)  
☐ [trunk/actionpack/lib/action\\_controller/test\\_process.rb](#)  
 (2 diffs)  
☐ [trunk/actionpack/test/controller/test\\_test.rb](#) (2 diffs)  
☐ [trunk/actionpack/test/fixtures/multipart/mona\\_lisa.jpg](#)

☐ Unmodified ☐ Added ☐ Removed ☐ Modified ☐ Copied ☐ Moved

### trunk/actionpack/CHANGELOG

r3937	r3939	
1	1	*SVN*
	2	
	3	* Added easy support for testing file uploads with fixture_file_upload #4105 [turnip@turnipspatch.com]. Example:
	4	
	5	# Looks in Test::Unit::TestCase.fixture_path + '/files /spongebob.png'
	6	post :change_avatar, :avatar => fixture_file_upload('/files /spongebob.png', 'image/png')
2	7	
3	8	* Fixed UrlHelper#current_page? to behave even when url-escaped entities are present #3929 [jeremy@planetargon.com]

### trunk/actionpack/lib/action\_controller/test\_process.rb

r3888	r3939	
288	288	def close() end
289	289	def delete() @attributes = {} end
	290	end
	291	
	292	# Essentially generates a modified Tempfile object similar to the object
	293	# you'd get from the standard library CGI module in a multipart
	294	# request. This means you can use an ActionController::TestUploadedFile
	295	# object in the params of a test request in order to simulate
	296	# a file upload.
	297	#
	298	# Usage example, within a functional test:

r3888	r3939	
	299	# post :change_avatar, :avatar =>
		ActionController::TestUploadedFile.new(Test::Unit::TestCase.fixture_path
	300	+ '/files/spongebob.png', 'image/png')
	301	class TestUploadedFile
		# The filename, *not* including the path, of the "uploaded"
	302	file
		attr_reader :original_filename
	303	
	304	# The content type of the "uploaded" file
	305	attr_reader :content_type
	306	
	307	def initialize(path, content_type = 'text/plain')
	308	raise "file does not exist" unless File.exist?(path)
	309	@content_type = content_type
	310	@original_filename = path.sub(/^.*#{File::SEPARATOR}
		([#{File::SEPARATOR}]+)\$/) { \$1 }
	311	@tempfile = Tempfile.new(@original_filename)
	312	FileUtils.copy_file(path, @tempfile.path)
	313	end
	314	
	315	def path #:nodoc:
	316	@tempfile.path
	317	end
	318	
	319	alias local_path path
	320	
	321	def method_missing(method_name, *args, &block) #:nodoc:
	322	@tempfile.send(method_name, *args, &block)
	323	end
290	324	end
291	325	
...	...	
393	427	return @controller.send(selector, *args) if
		ActionController::Routing::NamedRoutes::Helpers.include?(selector)
394	428	return super
	429	end
	430	
	431	# Shortcut for
		ActionController::TestUploadedFile.new(Test::Unit::TestCase.fixture_path
		+ path, type). Example:
	432	# post :change_avatar, :avatar => fixture_file_upload('/files
		/spongebob.png', 'image/png')
	433	def fixture_file_upload(path, mime_type = nil)
	434	ActionController::TestUploadedFile.new(
	435	Test::Unit::TestCase.respond_to?(:fixture_path) ?
		Test::Unit::TestCase + path : path,
	436	mime_type
	437	)
395	438	end
396	439	

#### trunk/actionpack/test/controller/test\_test.rb

r3888	r3939	
50	50	render :text => (request.remote_addr    "not specified")
51	51	end

r3888	r3939	
	52	
	53	def test_file_upload
	54	render :text => params[:file].size
	55	end
52	56	
53	57	def rescue_action(e)
...	...	
367	371	end
368	372	end
	373	
	374	FILES_DIR = File.dirname(__FILE__) + '/../fixtures/multipart'
	375	
	376	def test_test_uploaded_file
	377	filename = 'mona_lisa.jpg'
	378	path = "#{FILES_DIR}/#{filename}"
	379	content_type = 'image/png'
	380	
	381	file = ActionController::TestUploadedFile.new(path,
	382	content_type)
	382	assert_equal filename, file.original_filename
	383	assert_equal content_type, file.content_type
	384	assert_equal file.path, file.local_path
	385	assert_equal File.read(path), file.read
	386	end
	387	
	388	def test_fixture_file_upload
	389	post :test_file_upload, :file => fixture_file_upload(FILES_DIR +
	390	"/mona_lisa.jpg", "image/jpeg")
	391	assert_equal 159528, @response.body
	392	end
	393	def test_test_uploaded_file_exception_when_file_doesnt_exist
	394	assert_raise(RuntimeError) {
	395	ActionController::TestUploadedFile.new('non_existent_file') }
	396	end
369	396	end