

## Drupal 4.7 hook\_nodeapi() Ops

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All hook\_nodeapi() ops are executed immediately following the corresponding module hook, if it exists. For example, hook\_nodeapi() is called with op 'insert' just after the node module's hook\_insert() is called. Several ops (delete revision, prepare, submit) do not currently appear in the Drupal documentation. The documentation also lists an 'execute' op which is no longer valid. [[http://api.drupal.org/api/4.7/function/hook\\_nodeapi](http://api.drupal.org/api/4.7/function/hook_nodeapi)] Here are the current ops and their additional arguments:

<b>\$op</b>	<b>\$a3</b>	<b>\$a4</b>	<b>Description</b>
delete	-	-	Node has just been deleted. Do additional DB queries if desired.
delete revision	-	-	A particular node revision has just been deleted. Do additional DB queries if desired.
insert	-	-	Node has just been created (node has nid). Do additional DB queries if desired.
load	-	-	Node is being loaded from the database. Add data by modifying the \$node object.
prepare	-	-	Node edit form is going to be shown, but \$node is not yet built (contains only a few uninteresting fields).
print	\$node->body	-	Node is going to be printed. This op is only executed if the book module is enabled. Modify \$node->body (not \$a3, which is extraneous) to create a printer friendly page.
search result	-	-	Node is about to be displayed as a search result. Return extra info which will appear in theme_search_item(\$item, \$type) as \$item['extra'].
submit	-	-	Node edit form has been submitted but node has not yet been inserted or updated.
update	-	-	Node has just been updated. Do additional DB queries if desired.
update index	-	-	Node is being indexed (for search). Return an array of additional strings (sentences) to be indexed.
validate	\$form	-	Node edit form has been submitted. Register errors with form_set_error(). The \$node cannot be modified.
view	\$teaser	\$page	Node is going to be displayed. Modify \$node->body or \$node->teaser if desired.