# Acf Bidirectional Functions Global Functions


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## `acf_update_bidirectional_values()`

Process updating bidirectional fields.

- @since ACF 6.2
- @param array $target_item_ids The post, user or term IDs which should be updated with the origin item ID.
- @param integer|string $post_id The ACF encoded origin post, user or term ID.
- @param array $field The field being updated on the origin post, user or term ID.
- @param string|false $target_prefix The ACF prefix for a post, user or term ID required for the update_field call for this field type.
- @return void

## `_scf_prepare_bidirectional_update()`

Prepare a side-effect-free bidirectional update plan.

- @since SCF 6.9.5 @internal
- @param array $target_item_ids Target post, user, or term IDs.
- @param integer|string $post_id Encoded origin object ID.
- @param array $field Field being updated on the origin object.
- @param string|false $target_prefix Target object prefix, or false for posts.
- @param array|null $current_values Optional current raw field values.
- @return array

## `_scf_collect_bidirectional_destinations()`

Collect the bidirectional destinations that a field update will write.

- @since SCF 6.9.5 @internal
- @param array $field Resolved root or nested field.
- @param mixed $value Incoming value for the field.
- @param integer|string $post_id Encoded origin object ID.
- @param array|null $current Optional current values, or null to load them.
- @param boolean $resave_paginated Whether paginated repeater rows will be re-saved.
- @return array

## `acf_get_valid_bidirectional_target_types()`

Allows third party fields to enable support as a target field type for a particular object type

- @since ACF 6.2
- @param string $object_type The object type that will be updated on the target field, such as 'term', 'user' or 'post'.
- @return array An array of valid field type names (slugs) for the target of the bidirectional field.

## `acf_build_bidirectional_target_current_choices()`

Build the complete choices argument for rendering the select2 field for bidirectional target based on the currently selected choices

- @since ACF 6.2
- @param array $choices The currently selected choices (as an array of field keys).
- @return array

## acf_build_bidirectional_relationship_field_target_args()

Build valid fields for a bidirectional relationship for select2 display

- @since ACF 6.2
- @param array $results The original results array.
- @param array $options The options provided to the select2 AJAX search.
- @return array

## acf_render_bidirectional_field_settings()

Renders the field settings required for bidirectional fields

- @since ACF 6.2
- @param array $field The field object passed into field setting functions.
- @return void

## acf_get_bidirectional_field_settings_instruction_text()

Returns the translated instructional text for the message field for the bidirectional field settings.

- @since ACF 6.2
- @return string The html containing the instructional message.

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