Simple Example

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- Plugin Files
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Putting all these pieces together, we're going to create a simple Elementor widget which will use the native oEmbed functionality of WordPress to auto-embed content from external sites using simple URLs.

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```
elementor-oembed-widget/
|
├─ widgets/
|   └─ oembed-widget.php
|
└─ elementor-oembed-widget.php
```

Plugin Files

elementor-oembed-widget.php

```
<?php
/**
 * Plugin Name: Elementor oEmbed Widget
 * Description: Auto embed any embbedable content from external URLs into Elementor.
```

```
 * Plugin URI:  https://elementor.com/
 * Version:     1.0.0
 * Author:      Elementor Developer
 * Author URI:  https://developers.elementor.com/
 * Text Domain: elementor-oembed-widget
 *
 * Requires Plugins: elementor
 * Elementor tested up to: 3.25.0
 * Elementor Pro tested up to: 3.25.0
 */

if ( ! defined( 'ABSPATH' ) ) {
	exit; // Exit if accessed directly.
}

/**
 * Register oEmbed Widget.
 *
 * Include widget file and register widget class.
 *
 * @since 1.0.0
 * @param \Elementor\Widgets_Manager $widgets_manager Elementor widgets manager.
 * @return void
 */
function register_oembed_widget( $widgets_manager ) {

	require_once( __DIR__ . '/widgets/oembed-widget.php' );

	$widgets_manager->register( new \Elementor_oEmbed_Widget() );

}
add_action( 'elementor/widgets/register', 'register_oembed_widget' );
```

widgets/oembed-widget.php

```
<?php
if ( ! defined( 'ABSPATH' ) ) {
	exit; // Exit if accessed directly.
}
```

```
/**
 * Elementor oEmbed Widget.
 *
 * Elementor widget that inserts an embbedable content into the page, from any given URL.
 *
 * @since 1.0.0
 */
class Elementor_oEmbed_Widget extends \Elementor\Widget_Base {

	/**
	 * Get widget name.
	 *
	 * Retrieve oEmbed widget name.
	 *
	 * @since 1.0.0
	 * @access public
	 * @return string Widget name.
	 */
	public function get_name(): string {
		return 'oembed';
	}

	/**
	 * Get widget title.
	 *
	 * Retrieve oEmbed widget title.
	 *
	 * @since 1.0.0
	 * @access public
	 * @return string Widget title.
	 */
	public function get_title(): string {
		return esc_html__( 'oEmbed', 'elementor-oembed-widget' );
	}

	/**
	 * Get widget icon.
	 *
```

```
	 * Retrieve oEmbed widget icon.
	 *
	 * @since 1.0.0
	 * @access public
	 * @return string Widget icon.
	 */
	public function get_icon(): string {
		return 'eicon-code';
	}

	/**
	 * Get widget categories.
	 *
	 * Retrieve the list of categories the oEmbed widget belongs to.
	 *
	 * @since 1.0.0
	 * @access public
	 * @return array Widget categories.
	 */
	public function get_categories(): array {
		return [ 'general' ];
	}

	/**
	 * Get widget keywords.
	 *
	 * Retrieve the list of keywords the oEmbed widget belongs to.
	 *
	 * @since 1.0.0
	 * @access public
	 * @return array Widget keywords.
	 */
	public function get_keywords(): array {
		return [ 'oembed', 'url', 'link' ];
	}

	/**
	 * Get custom help URL.
	 *
```

```
	 * Retrieve a URL where the user can get more information about the widget.
	 *
	 * @since 1.0.0
	 * @access public
	 * @return string Widget help URL.
	 */
	public function get_custom_help_url(): string {
		return 'https://developers.elementor.com/docs/widgets/';
	}

	/**
	 * Whether the widget requires inner wrapper.
	 *
	 * Determine whether to optimize the DOM size.
	 *
	 * @since 1.0.0
	 * @access public
	 * @return bool Whether to optimize the DOM size.
	 */
	public function has_widget_inner_wrapper(): bool {
		return false;
	}

	/**
	 * Whether the element returns dynamic content.
	 *
	 * Determine whether to cache the element output or not.
	 *
	 * @since 1.0.0
	 * @access protected
	 * @return bool Whether to cache the element output.
	 */
	protected function is_dynamic_content(): bool {
		return false;
	}

	/**
	 * Register oEmbed widget controls.
	 *
```

```
	 * Add input fields to allow the user to customize the widget settings.
	 *
	 * @since 1.0.0
	 * @access protected
	 */
	protected function register_controls(): void {

		$this->start_controls_section(
			'content_section',
			[
				'label' => esc_html__( 'Content', 'elementor-oembed-widget' ),
				'tab' => \Elementor\Controls_Manager::TAB_CONTENT,
			]
		);

		$this->add_control(
			'url',
			[
				'label' => esc_html__( 'URL to embed', 'elementor-oembed-widget' ),
				'type' => \Elementor\Controls_Manager::TEXT,
				'input_type' => 'url',
				'placeholder' => esc_html__( 'https://your-link.com', 'elementor-oembed-widget' ),
			]
		);

		$this->end_controls_section();

	}

	/**
	 * Render oEmbed widget output on the frontend.
	 *
	 * Written in PHP and used to generate the final HTML.
	 *
	 * @since 1.0.0
	 * @access protected
	 */
	protected function render(): void {
		$settings = $this->get_settings_for_display();
```

```
□□if ( empty( $settings['url'] ) ) {
□□□return;
□□}

□□$html = wp_oembed_get( $settings['url'] );
□□?>
□□<div class="oembed-elementor-widget">
□□□<?php echo ( $html ) ? $html : $settings['url']; ?>
□□</div>
□□<?php
□}

}
```

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□□□□ "oEmbed" □□□□

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