

# Customizing DocTypes

## Summary:

In the Frappe Framework, there's a need for site-specific customizations, especially when using the same application across multiple sites (tenants). Each site might require unique modifications on top of the existing DocType. For instance, a "Customer" DocType might need additional custom fields or specific naming configurations for different users. To cater to these requirements, Frappe offers several approaches to customize DocTypes without altering the core structure.

## Key Insights:

1. **Custom Field:** This is a DocType that records site-specific fields.
2. **Property Setter:** It tracks specific properties that are overridden in the main DocType and its child elements.
3. **Customize Form:** This is a user-friendly view that facilitates the customization of DocTypes. When properties of a DocType are altered via the Customize Form, the underlying DocType remains unchanged. Instead, new custom objects are created to override those properties.
4. **Client Script:** These are additional client-side event handlers.
5. **Server Script:** They provide extra server-side business logic.
6. **Custom DocPerm:** This pertains to additional permissions, which are managed via the Role Permission Manager.
7. **Adding Custom Links and Actions:** From Version 13 onwards, users can add or modify Links and Actions via the Customize Form. These changes are stored in the same DocTypes but with a custom property enabled. All these custom configurations are automatically applied when metadata is fetched using `frappe.get_meta`.