

Single DocType

Summary:

A "Single DocType" in Frappe is a unique DocType that has only one instance in the database. It's primarily used for storing configurations or settings that don't require multiple records. An example of this is "System Settings", where there's no need for multiple entries, but just one set of configurations for the entire system.

Key Insights:

1. **Usage:** Single DocTypes are ideal for persisting configurations or settings that are singular in nature. For instance, fetching system settings can be done using:

```
pythonCopy code
settings = frappe.get_doc('System Settings')
settings.notification_frequency
# Output: 'Daily'
```

2. **Storage:** Unlike regular DocTypes that get their own table in the database, Single DocTypes are stored in a specific table named `tabSingles`. In this table, each property of the Single DocType has its own record. The columns in this table include:
 - **doctype:** Refers to the type of document.
 - **field:** Specifies the field or property name.
 - **value:** Contains the value for the specified field.