

# VERSION CONTROL

## INTRODUCTION

- Version Control is an interface between Analysts, Developers and App Store.
- Version Control is used for giving check-ins and check-outs. There are two types of Version Controls.
  1. Centralized (has only one repository)
  2. Distributed (has multiple repositories).

## PREREQUISITIES

- Create account in RNC (<http://www.relgo.com> )
- Verify and create identity cast.
- Subscribe in RAS (<http://www.relgo.com/ras>) with generated identity cast.
- Complete Bootstrap installations.

## CHECK-IN

- The changes made by the Developers for forms, UX layouts, provisioning data and automization data will be given as check-ins to the version account. In version account ,Check-in menu consist of fields like check-in forms, provisioning data and automization data which are given by developers.

## CHECK-OUT

- 'Check-out' refers to removal of the old version code , which is needed for giving new Check-in of that version given by the developers.

## PROCESSES FOR VERSIONING

This process has three steps

- **Publish:** From version account, we directly publish builds to app store.
- **Package:** Developers give check-ins to the version account. After updating builds, production team shares them to the automation or testing teams to test the same. If testing works out, check-ins are moved to the app store and from there, the effected changes appear to everybody.
- **URL:** If the testing didn't work well by testing team, we share the URL to particular customers, so that they can only access by themselves, without using publishing to the app store.

**Application Versioning:** We use Relgo Apps for versioning accounts under 'Versioning' tab.

**Sharing applications:** We have 'Import/Export' option in Relgo apps, By using that we can share applications from one account to another account.

**Configuration (Dev store, app store):** 'Dev Store' is an environment built which is used for testing purposes. App store is a place where application upgrades and goes to the customer.

**Upgrading applications:** If we are willing to package the forms and data as an upgrade or hotfix, click on the package option. Production team will enter package name and description with the hot fix id, purpose and click on 'Add'. Then, all the created packages will appear in a table.

**Archiving applications and data:** For archiving data, we use DB, which is common for all the Relgo employees and archival for applications are different.