Version Control With TortoiseHG (Mercurial) and Bitbucket

The Initial Setup
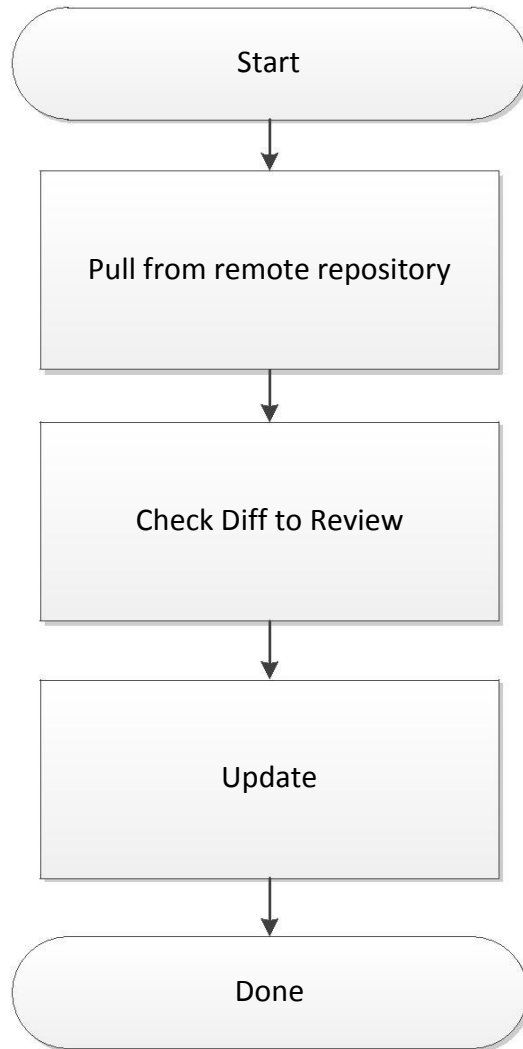
```
                        ┌──────────────┐
                        │    Start     │
                        └──────────────┘
                               │
                               ▼
                          ╱──────────╲
                         ╱  Have       ╲        No      ┌──────────────────┐
                        ╱  Bitbucket?   ╲──────────────▶│  Create Account  │
                        ╲  Account      ╱               └──────────────────┘
                         ╲             ╱                         │
                          ╲──────────╱                          │
                               │                                │
                              Yes                               │
                               ▼                                │
                   ┌──────────────────┐                         │
                   │ Create Repository │◀───────────────────────┘
                   └──────────────────┘
                               │
                               ▼
                          ╱──────────╲
                         ╱  Have       ╲        No      ┌──────────────────┐
                        ╱  TortoiseHG   ╲──────────────▶│ Install TortoiseHG│
                        ╲  Installed?   ╱               └──────────────────┘
                         ╲             ╱                         │
                          ╲──────────╱                          │
                               │                                │
                              Yes                               │
                               ▼                                │
                   ┌──────────────────┐                         │
                   │ Clone (Remote)   │◀───────────────────────┘
                   │ Repository In    │
                   │ TortoiseHG       │
                   └──────────────────┘
                               │
                               ▼
                        ┌──────────────┐
                        │  Ready To Go │
                        └──────────────┘
```
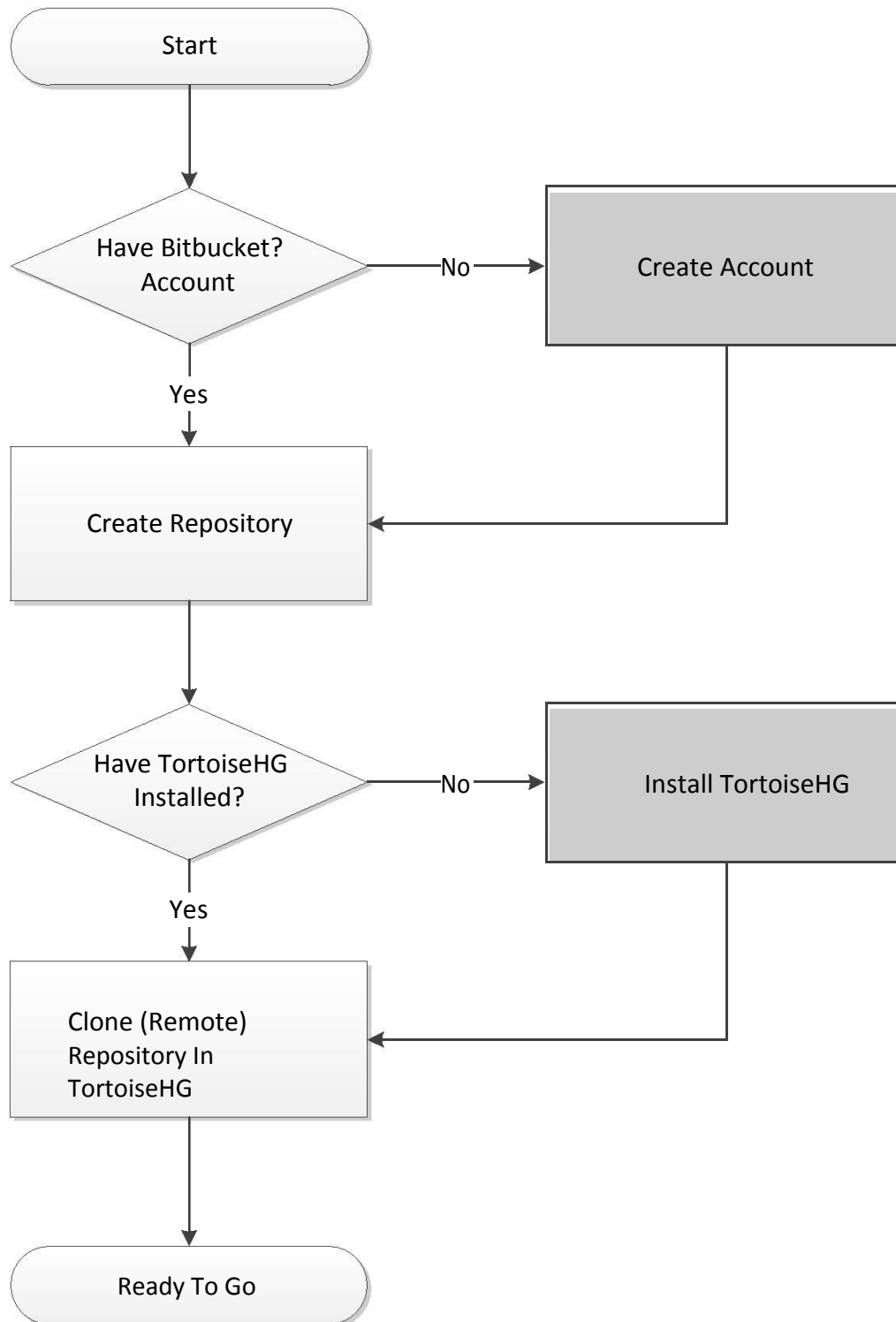
Version Control With TortoiseHG (Mercurial) and Bitbucket

Updating the repository after adding files/making changes

Start

↓

Add Files to Local Repository Folder

↓

Add (Track) All files from TortoiseHG

↓

Commit All files to Local Repository (enter a meaningful message)

↓

Pull from Remote Repository

↓

Were there any changes in the pull?

— Yes → Diff (review) then Merge with local

↓ (from Diff/Merge)

Commit to local

←

Push Changes to Remote Repository (No path from decision)

No ↓

Push Changes to Remote Repository

↓

Done
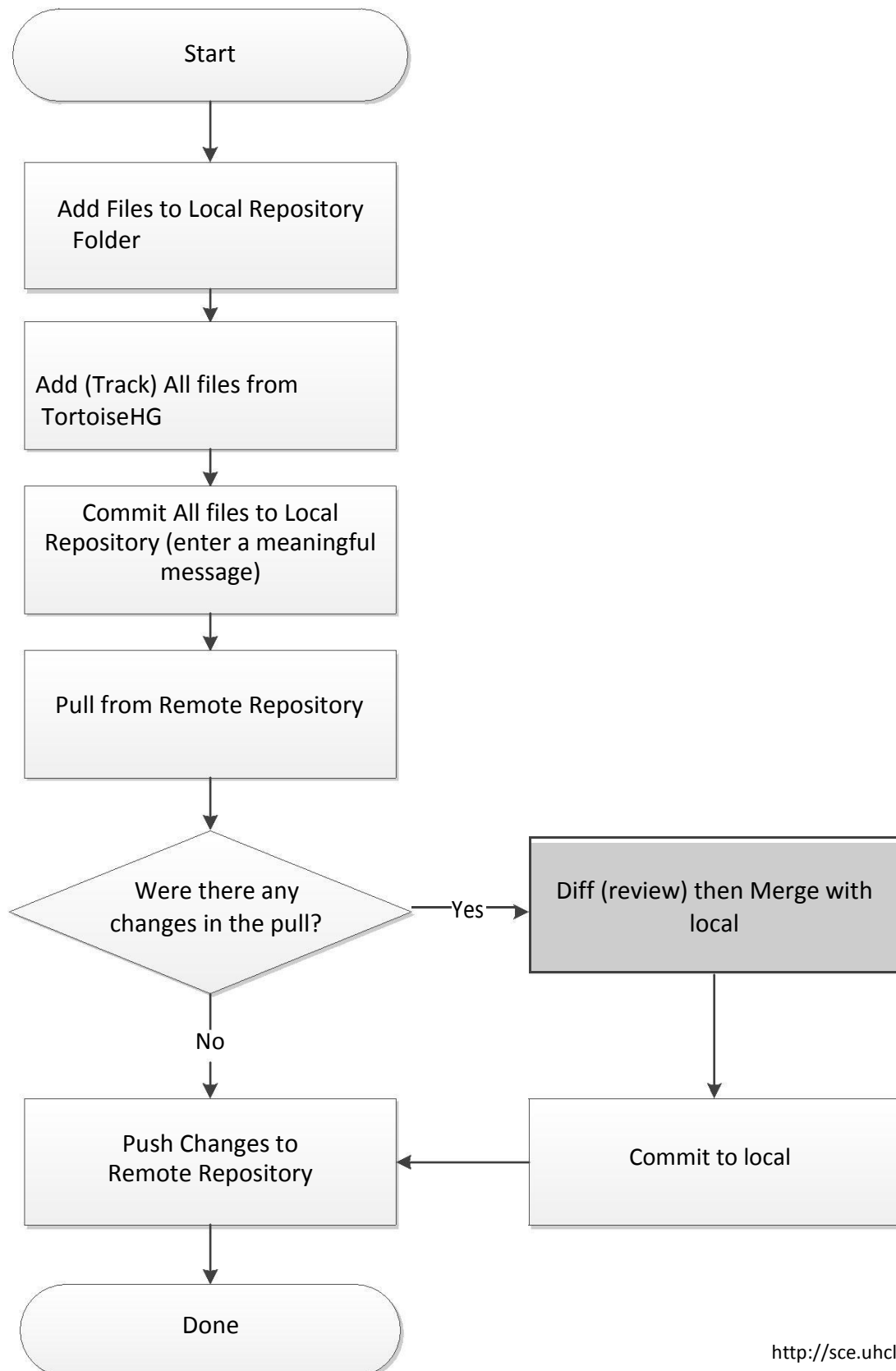
Version Control With TortoiseHG (Mercurial) and Bitbucket

Updating the local repository without making any changes on your end

```
          ┌─────────────────────┐
          │        Start         │
          └─────────────────────┘
                     │
                     ▼
          ┌─────────────────────┐
          │                     │
          │ Pull from remote    │
          │    repository       │
          │                     │
          └─────────────────────┘
                     │
                     ▼
          ┌─────────────────────┐
          │                     │
          │ Check Diff to Review │
          │                     │
          └─────────────────────┘
                     │
                     ▼
          ┌─────────────────────┐
          │                     │
          │       Update        │
          │                     │
          └─────────────────────┘
                     │
                     ▼
          ┌─────────────────────┐
          │        Done          │
          └─────────────────────┘
```

Version Control With TortoiseHG (Mercurial) and Bitbucket

Resolving conflicts

Start

Pull from remote repository

Merge

In conflict window, from Actions drop down menu (lower right), chose which version to keep

Commit merged files

Update Remote Repository If necessary

Done