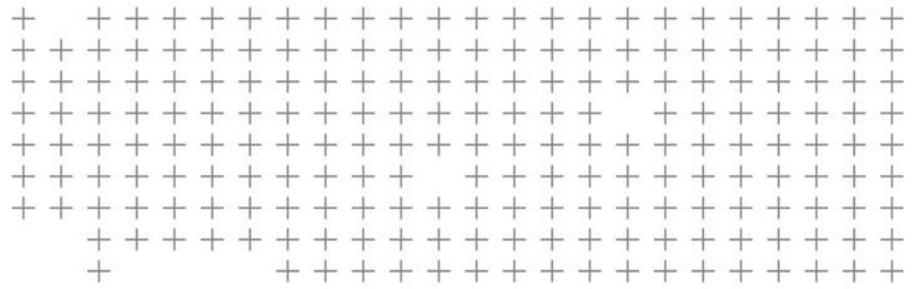


Phil Cramer – Database Specialist
Simon Wood – Business Analyst

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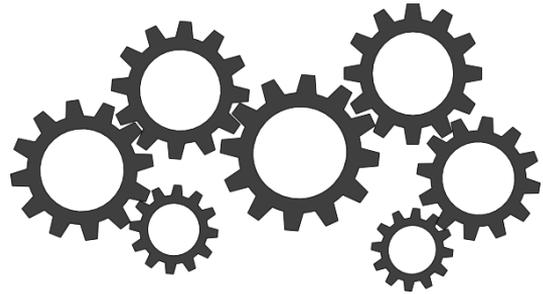
Landfolio Sync Tools



Configuration Sync tool

Why?

- Enterprise IT Policy & Compliance
- Integrate configuration changes without impacting Production environment
- Time and cost savings
- Eliminates human error



Pre-Conditions

- Included in the Enterprise Productivity Module
- Staging, Test and Production Environments
- Test and Production become slaves, Staging is the master
 - Admin Tools inaccessible within slave sites
- All sites on the exact same version of code
- Handles implementations with or without the E-Gov Portal

How cont.

Landfolio Synchronization Tool

Source **Destination**

Landfolio

Server: sdrsa14\sql2016 Server: sdrsa14\sql2016

Windows Authentication Windows Authentication

SQL Server Authentication SQL Server Authentication

sa sa

Database: LandfolioDLCSSourceDemo Database: LandfolioDLCSTargetDemo

Portal

Server: sdrsa14\sql2016 Server: sdrsa14\sql2016

Windows Authentication Windows Authentication

SQL Server Authentication SQL Server Authentication

sa sa

Database: PortalDLCSSourceDemo Database: PortalDLCSTargetDemo

Save Connections Next

Landfolio Synchronization Tool

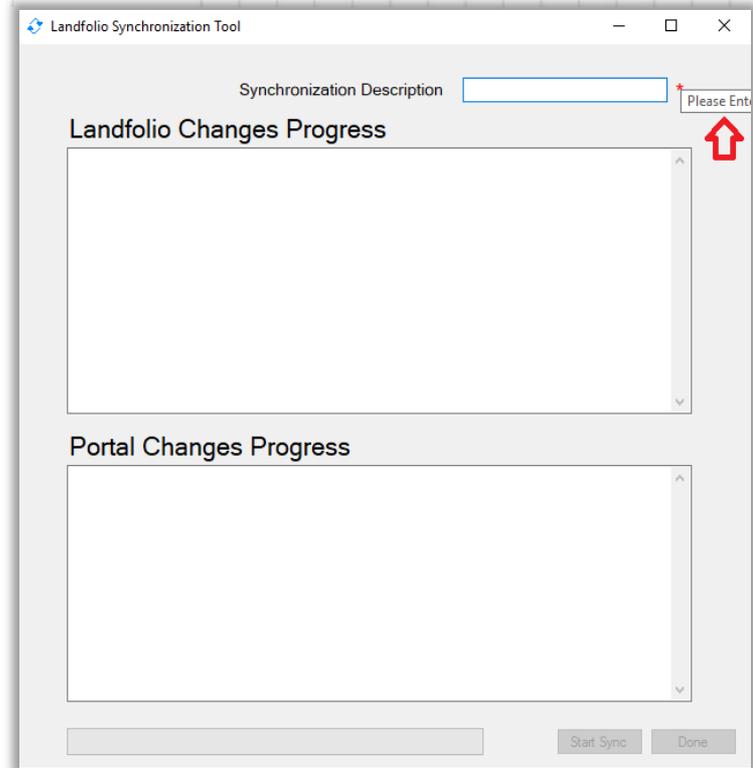
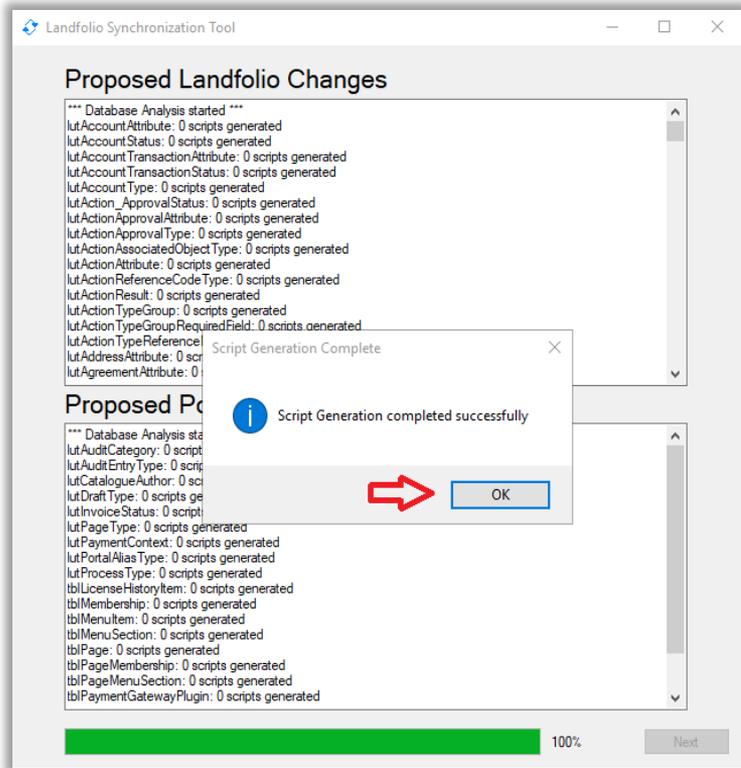
Proposed Landfolio Changes

- tblLicenseToGroupRelationshipConstraint: 0 scripts generated
- tblLicenseType: 54 Update scripts generated
- tblLicenseTypeCommodityAllowed: 0 scripts generated
- tblLicenseTypeDocument: 0 scripts generated
- tblLicenseTypeExcludeMapReferenceCategory: 0 scripts generated
- tblLicenseTypeInterfaceFieldSetting: 0 scripts generated
- tblLicenseTypeReferencePointType: 0 scripts generated
- tblLicenseTypeRequiredMapReferenceCategory: 0 scripts generated
- tblLicenseTypeRequiredReferenceCodeType: 0 scripts generated
- tblLicenseTypeShapeSettings: 0 scripts generated
- tblLicenseTypeStatusAllowed: 0 scripts generated
- tblLicenseTypeWorkflow: 0 scripts generated
- tblLookupManagerLookupTable: 0 scripts generated
- tblLookupTable: 0 scripts generated
- tblMapChoice: 0 scripts generated
- tblMapJS: 0 scripts generated
- tblMapLayer: 0 scripts generated

Proposed Portal Changes

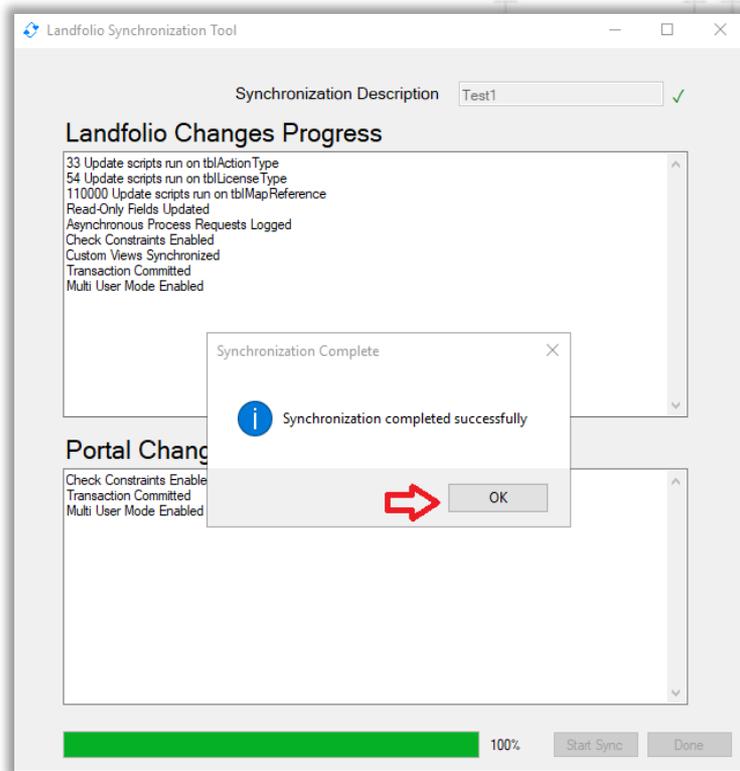
66% Next

How cont.





How cont.



Restricted Admin Tools

Trimble landfolio Landfolio CST Demo Landfolio CST Demo (6.1.3.00) landfolio ADMIN (sign out)

Search Admin Tools Configuration of this site is managed through a separate site. Some Admin Tools will be disabled.

- Home
- Licenses
 - Exploration
 - Mining
- Agreements
- Actions
- Approvals
- Maps
- Reports
- Documents
- Companies
- People
- My Settings
- Admin Tools**
- Help

System
Database Connection
Authentication Settings

Application Settings
[General Settings](#)
Selectable Fields
Field Validations
Brief Controls
Document Settings
Indirect Documents
Document Field Settings
Notifications
User Notification Templates
Tasks

Spatial Settings
General Settings
Spatial Datasets
Coordinate Systems
Geo-Transformations
Map Services

WorkFlows
General Settings
View WorkFlows
View Rules
Refresh Rule Summaries

System Types
General Settings
Action Types
License Types
Agreement Types
Jurisdictions
Group Types
Relationship Constraints
Regions
Companies
People

Lookup Tables
Edit
Refresh Lookup Tables

Trimble landfolio Landfolio CST Demo Landfolio CST Demo (6.1.3.00) landfolio ADMIN (sign out)

Search Admin Tools

- Home
- Licenses
 - Exploration
 - Mining
- Agreements
- Actions
- Approvals
- Maps
- Reports
- Documents
- Companies
- People
- My Settings
- Admin Tools**
- Help

Map Services
Maps
Map Choice
Map Print Templates
Map Layout Documents
Map References

Reports
General Settings
Template Schema
Report Schema
Standard Tags
Custom Tags

Tools
[Diagnostic Report](#)
[Import Data](#)
[Batch Processes](#)
[Debug Tools](#)

Plugins
Plugin Basic Settings

Document Repositories
Landfolio File System

Parameter Values
Edit

Users
[General Settings](#)
Edit
[Log in as another user](#)

Audit
[Authentication Log](#)
[Email Log](#)
[Audit](#)

Templates
License Templates
Agreement Templates
Group Templates

Wizards
New License Wizard

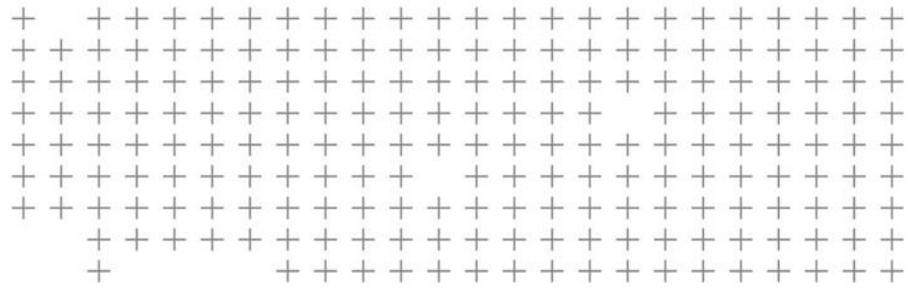


What is NOT synced?



- Users
 - User Groups
 - Authorizations
 - Searches
 - Settings
 - Homepages

- Distributed Reports



Shape Sync Tool



Purpose



- Synchronize ArcGIS shapes
- Support Parcel Fabric
- Support distributed team-based editing
 - Consistent GIS management practises
 - Advanced ArcMap tools
 - Volume

Mechanism

- Web Service API + ArcGIS SOE
- Monitored Feature Classes
 - Versioned SDE database
 - Multiple feature class support
 - Attribute filtering
- Sync on post
 - Additions
 - Updates
 - Deletions

Plugin Configuration

North America Corporate Demo SiteNorth America Corporate Demo Site (6.1.3.00)Simon Wood (sign out)

Admin Tools > Shape Synchronizer > Shape Synchronizer Plugin

Home

Licenses

Easements / ROW

Environ Permits

Surface Rights

USA Unpat Claims

Water Rights

Agreements

Projects

Affidavit Groups

Property Tax Groups

Community

Actions

Maps

Reports

Documents

Companies

People

My Settings

Admin Tools

Help

Plugin: Shape Synchronizer Plugin

Instance name: Shape Synchronizer Plugin

Instance description: Enables configuration of the Shape Synchronizer Plugin

Configuration section heading: Shape Synchronizer

Enabled:

Web Api Details

Example URL: [https://\[MachineName\]/LandfolioDevelopmentApi/api/](https://[MachineName]/LandfolioDevelopmentApi/api/)

Url:

Username:

Password:

API Key:

General

SDE geodatabase:

Log file name:

Polling interval: minutes

Monitored feature class configuration

Feature Class	Object Type
Landfolio_ShapeSync_LicensePolygon	License
Landfolio_ShapeSync_LicenseConditionPoint	License Condition
Landfolio_ShapeSync_LicenseConditionPolyline	License Condition



Mechanism



- Web Service API + ArcGIS SOE
- Monitored Feature Classes
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ArcGIS Posting

The screenshot shows the ArcMap interface for a project named "Shape Sync Demo.mxd". The main window displays a table with the following data:

OBJECTID	Code	Type	Status	created_user	created_date	last_editor
10	SSDemo01	BC Mineral Claim	Active	<Null>	<Null>	<Null>

The "Code" field in the first row is highlighted with a red box, and the text "Matching code" is written below it. In the top toolbar, the "Reconcile & Post" button is also highlighted with a red box and labeled "Reconcile & Post".

The Table of Contents on the left shows a list of layers. The "Landfolio_ShapeSync_LicensePolygon" layer is checked and highlighted with a red box, labeled "Monitored". Below it, the "FlexiCadastrre_Demo" layer is checked and labeled "Reference". Under "FlexiCadastrre_Demo", there are sub-layers for "Claims / Leases" with "Active" (green), "Application" (yellow), and "Inactive" (orange) options.

The map area shows a green polygon on the left and a purple polygon on the right. The green polygon is labeled "BCMC-0510" and the purple polygon is labeled "BCMC-0490".

The right-hand side of the interface shows the "Create Features" pane with a search bar and a list of construction tools: Polygon, Rectangle, Circle, Ellipse, Freehand, Auto Complete Polygon, and Auto Complete Freehand.

The status bar at the bottom right indicates the coordinates "472917.195 5906895.256 Meters".



The End



Questions?