Centralized P4: One Stop Shop

2022 ITMD Annual Workshop

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Centralized P4 Workflow

Network Firewall

XML upload

User-initiated process

Automated process (SSIS)

SQL Views

Qilex

PTAGIS

User-initiated process

Automated process (R Shiny)

https://nptfisheries.shinyapps.io/kus-data/
Centralizing P4

<add name="P4Entities"
connectionString="metadata=res://*/DataModel.P4DataModel.csdl|res://*/DataModel.P4DataModel.ssdl|res://*/DataModel.P4DataModel.msl;provider=System.Data.SqlClient;provider connection string="data source=DFRM-Research\MSSQLSERVER_P4;initial catalog=P4_RST;integrated security=True;MultipleActiveResultSets=True;App=EntityFramework""
providerName="System.Data.EntityClient" />

<!-- <add name="P4Entities"
connectionString="metadata=res://*/DataModel.P4DataModel.csdl|res://*/DataModel.P4DataModel.ssdl|res://*/DataModel.P4DataModel.msl;provider=System.Data.SqlClient;provider connection string="data source=localhost\P4_SQLEXPRESS;initial catalog=P4;integrated security=True;MultipleActiveResultSets=True;App=EntityFramework""
providerName="System.Data.EntityClient" />
P4: Utilities

Database Backup/Restore
Database Name: DFM-Research\MSSQLSERVER_P4\P4_RST
Database Backup/Restore functions are only available when P4 is connected to a local database.
Database Backup/Restore utilities are used to backup all records in the database, and to restore those backups.

Layout Management
Layout Management utilities are used to transfer general layout settings between computers, and to reset those settings back to default values.

Data Management
Data Management functions are only available when P4 is connected to a local database.
Data Management utilities are used to delete records and to maintain the database.

Security
Set a Password to restrict access to Management and Configuration features.

Export from Data Entry
Set the folder to export Sessions into.
[not set]
P4: Configuration Tools
## Configuration Tools

### Profiles
- 1.1g Check
- 12W TSTT
- 12W YOY
- 13W PIT Check
- 32W Brood Year
- AD Clip Check
- Chinook Size Limit
- Hatchery Chinook Mark
- Hatchery Fish with tag comment (TU/TD)
- Hatchery Steelhead Mark
- Lamprey DNA
- Lamprey Life Stage
- Mark with Dot Out
- Marked 7RW not TD
- Not a TD
- Not a TU
- PIT in Non-Target
- Recap PIT Check
- Recovery PIT Check
- TU/TD Check
- Wild Fish with AD clip

### Repeating Values
- Result Type
- Description
- Enabled

1. **1.1g Check**
   - Result Type: Warning
   - Description: Balance 1.1g error prevention.

2. **12W TSTT**
   - Result Type: Warning
   - Description: 12W less than 65mm are Too Small To Tag (TSTT).

3. **12W YOY**
   - Result Type: Warning
   - Description: 12W less than 60mm need a Young of Year (YOY) text comment.

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### Data Entry Layouts

### Tag Actions

### Tag Lists

### Peripheral Devices

### Digitizer Maps

### Project-Defined Fields

### Custom Validation