Multi Connect

Development Document

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| --- | --- | --- | --- | --- | --- |
| **Date** | **Version** | **Revision Details** | **Author(s)** | **Reviewer** | **Approver** |
| 13-02-2014 | 1.0 | Initial Draft | Mahesh KM  Surya |  |  |
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**1.0 Introduction**

Multi connect functionality provides ability to place more than one persons to a case. Current system has disability to handle these things, so we are decide to change the current data structure in the table.

This functionality works based on the roles configuration, if the selected role is marked as multi connect then it change the data structure in the table otherwise roles using the same functionality what we are using right now.

For achieving the multi connect functionality we need to change the existing stored procedure and front end.

**2.0 Development Steps**

**2.01 Creating a first case**

Use the current logic for creating first cases and update the relationshipId in the CaserelationshipID column.

* 1. **Creating second Case/Adding persons**

Create new records for the second case and update the case relationship id with Relationshipid of first case.

* 1. **Data Retrieving**

1. Find out the CaserelationshipID with the help of connid and connectionID or using relationshipid.
2. Find out which connectionids are linked with the corresponding caserelationshipid.
3. Select the records which are tied with above mentioned connectionids.
   1. **Sample Query**

SELECT @CaseRelationShiPid=CaseRelationShipID FROM Rel\_relationship WHERE CONNECTIONID =@ConnectionId AND CONNID=@connId

OR

SELECT @CaseRelationShiPid=CaseRelationShipID FROM Rel\_relationship WHERE RelationShipID=@relationShipID

SELECT \* FROM rel\_relationships WHERE CONNECTIONID IN ( Select CONNECTIONID FROM rel\_relationships WHERE CaseRelationShipId = @CaseRelationShiPid)

**3.0 Data Structure For new multi Connect functionality**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Relationship Id | Conn Id | Reltype Id | Connection Id | Case Relationship ID |
|  |  |  |  |  |  |  |
| Attach BP 1 |  |  |  |  |  |  |
| AP Parents1 | 1310 | 1400 | -101 | 1310 | **1310** | AP connection 1 |
| BP 1 | 1311 | 1605 | -102 | 1310 | 1311 | BP connection 1 |
| Child1 | 1320 | 1450 | -104 | 1310 | 1320 | Child connection 1 |
|  |  |  |  |  |  |  |
| Attach2 child |  |  |  |  |  |  |
| AP parents | 1312 | 1400 | -101 | 1312 | **1310** | AP connection 2 |
| BP1 | 1316 | 1605 | -102 | 1312 | **1311** |  |
| Child2 | 1313 | 1500 | -104 | 1312 | 1313 | Child 2 Connection1 |
|  |  |  |  |  |  |  |
| attach child1 to different parents | | | | |  |  |
| AP Parents 2 | 1315 | 1701 | -101 | 1315 | 1315 | foster parent connection 2 |
| BP1 | 1317 | 1605 | -102 | 1315 | **1311** |  |
| child1 | 1314 | 1450 | -104 | 1315 | 1320 | foster child1 connection 2 |

Adoptive parent1 Adoptive parent2 Birth parent1 Child 1 Child 2

**4.0 Impact Study Result**

The multi connect changes will effect on the following areas

* 1. Client Search
  2. 6 panel
  3. Reporting

We want to made the changes in the following stored procedures

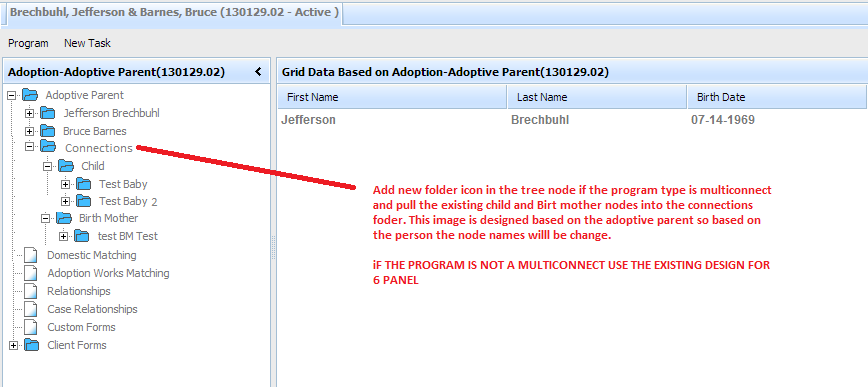
4.1 **List of Stored Procedures**

|  |  |
| --- | --- |
| **#** | **Stored Procedure** |
| **1** | SP\_AddNewConnection |
| **2** | SP\_ConnectionStatusAddEdit |
| **3** | SP\_CoupleConnection |
| **4** | SP\_EditConnection |
| **5** | SP\_ListDeleteRelationship |
| **6** | SP\_MergeConnection |
| **7** | SP\_UpdateConnection |
| **8** | usp\_AssociateProgram |
| **9** | usp\_CreateAssociateMergeConnection |
| **10** | usp\_DeletePlacement |
| **11** | usp\_MatchingUpdate |
| **12** | 6 panel listing sps and inline queries |
| **13** | usp\_ClientSearch |
| **14** | Reporting - datamarts |

**5.0 Front End Changes**

We need to add one more node in the 6 panel tree, the selected program is configured as multi connect then add “folder” icon in the tree and named it as “Connections” and pull other nodes like Birth Mother and child nodes into the Connection node. This document is prepared based on the adoptive parent so the node names will change based on the user, who opens the 6 panel.

The program is not multi connect, we can use the existing 6 panel design.

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