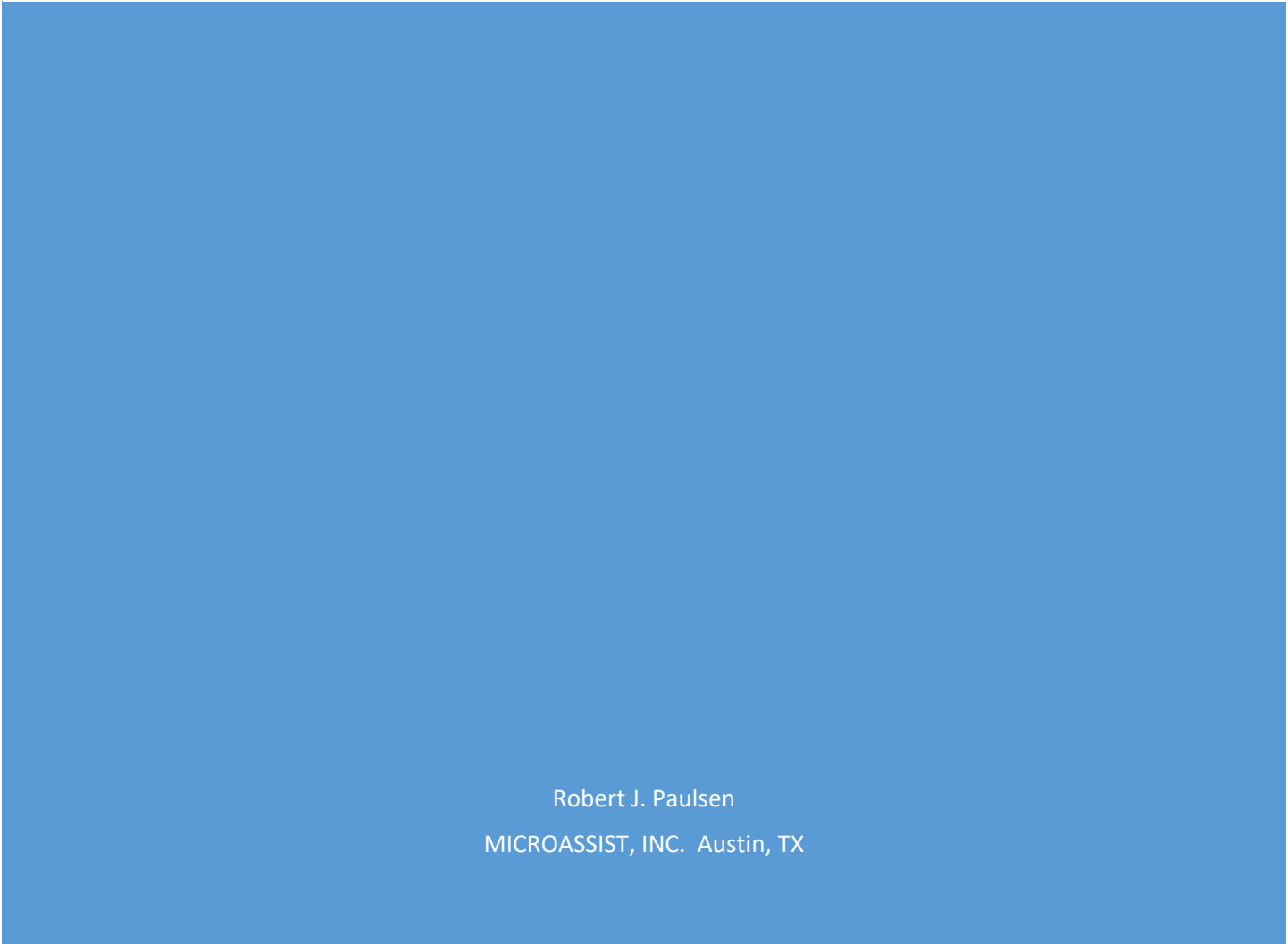




# TEXAS FACT CLEARINGHOUSE TECHNICAL DOCUMENTATION

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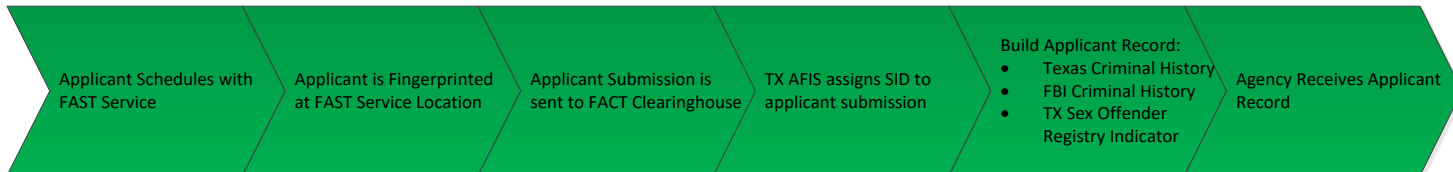
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## FACT Clearinghouse Overview

### Common Workflows

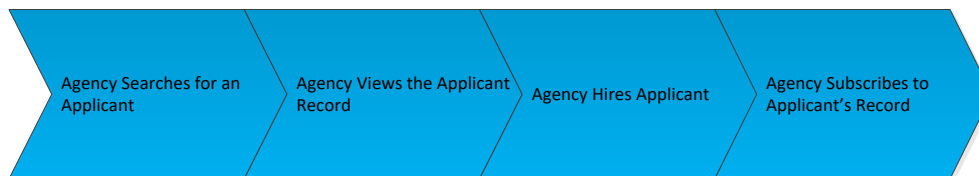
All applicants are added to the FACT Clearinghouse by going through the FAST service on behalf of an agency. This is the process that allows the applicants fingerprints to be retained by TxDPS. If the applicant you are interested in already exists in the FACT Clearinghouse (because the applicant was printed by another Agency) your agency may simply subscribe to the applicant's record.

#### New Applicant Gets Fingerprinted via FAST



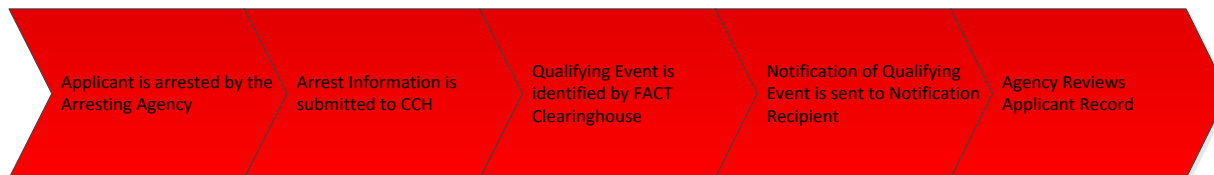
#### Agency Subscribes to an Applicant

If an applicant already exists in the FACT Clearinghouse because the applicant was printed by another agency, your agency may review and subscribe to the applicant's record without sending the applicant through the FAST Service.\*



#### A Subscribed Applicant Has New Qualifying Event

Agencies that are subscribed to an applicant will receive notification of new qualifying events. This notification tells the Agency to review the updated Applicant Record.



## Common Design Patterns

Storing of Criminal History Information (CHI) has certain hardware, network and policy requirement (See CJIS Security Policy for details). This is one of the biggest influences on how an Agency decides on integrating with the FACT Clearinghouse.

### OPTION 1: Web-Only Access

The simplest (and most obvious) option is to only use the FACT Clearinghouse website and manually process applicants. This requires no development resources (time or abilities) and means all CHI is stored on DPS Servers.

### OPTION 2: Local Storage of CHI

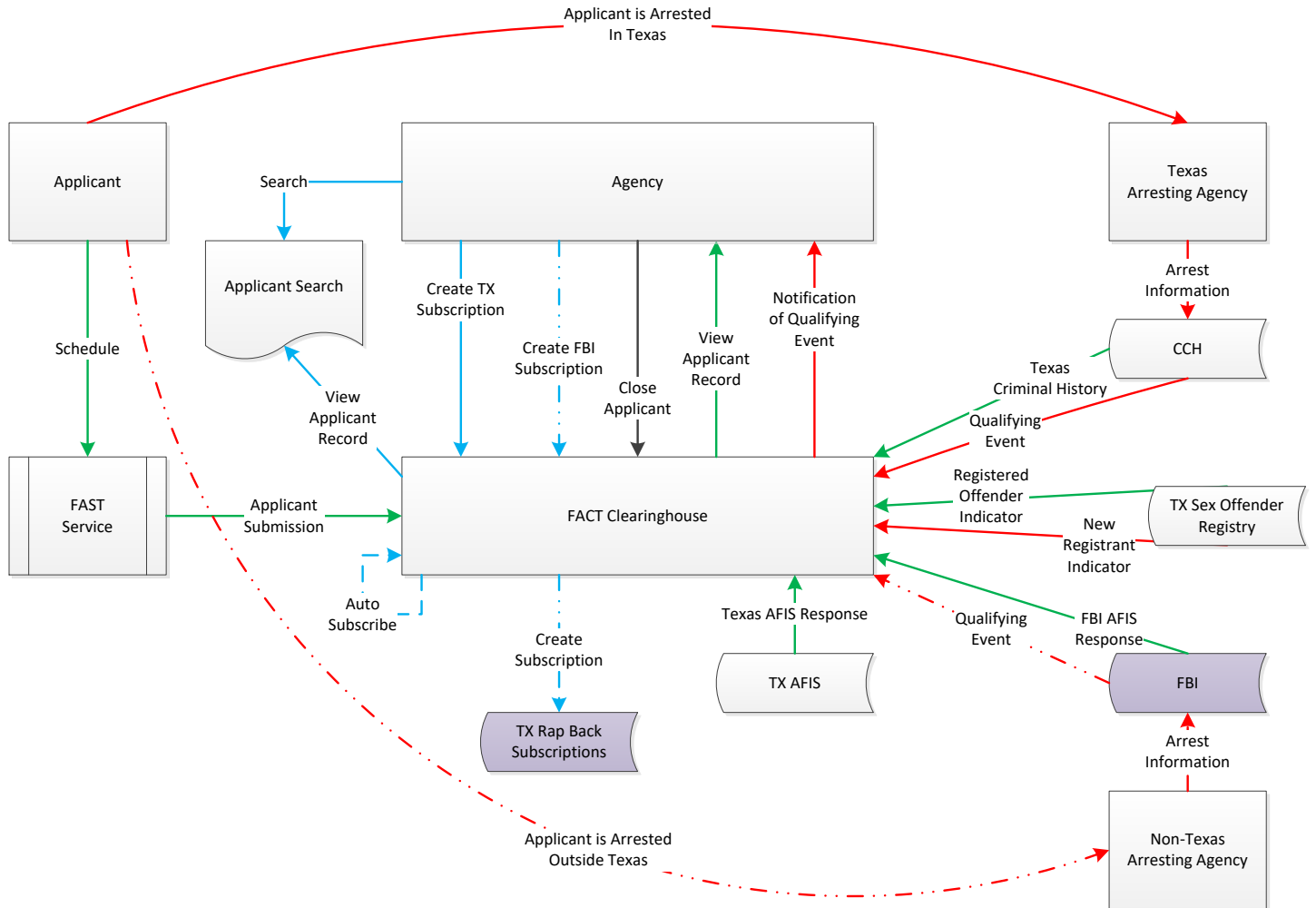
Agencies that wish to fully integrate the FACT Clearinghouse with their applicant processing software store the CHI on a local network/hardware. This allows the CHI to be fully integrated into the agencies application, including parsing and formatting the data.

### OPTION 3: Hybrid Solution

Some agencies have decided they would automate the processing of applicants with no arrest information (aka "NO HIT" applicants) by pulling these applicants data via the FACT Clearinghouse Web Service. This is done by only requesting certain Worklists. Rejected Applicants can also be processed in this way. For Applicants that have arrest information (A HIT in either the Texas CCH, FBI or Texas Sex Offender) agents of the agency can process these applicants manually online via the FACT Clearinghouse Website.

# FACT Clearinghouse Diagram

The following shows how the various entities and data sources interact for new applicants (Green), creation of subscriptions (Blue) and notifications of new Qualifying Events (Red).



## Web Service Interface

### Credentials and Other Prerequisites

To access the Texas FACT Clearinghouse Web Service you must have a User Name & Password for the TxDPS Crime Records Secure Website. Staging and Production environments share credentials. The process for creating an account can be found at the website.

The FACT Clearinghouse Web Service is WS-I compliant and conforms to the WS-I Basic Profile 1.1; the client application must also meet this requirement. The client application must also support encryption over transport (SSL) and message level credentials.

---

*TIP: Calling the method `ValidateCredentials()` gives a simple way to confirm a client application is able to successfully pass credentials to the service.*

---

A sample client with C# source code is available upon request and can function as the basis of an Agency's client application.

---

*TIP: If using the Microsoft .NET Framework, be sure to add the service as WCF "Service Reference"*

---

## Environments

### Staging Environment

<https://crimerecords.dps.texas.gov/SecureServiceStaging/Clearinghouse/ApplicantService.svc?singleWsd>

- WSDL – This is the same as the latest production WSDL.
- CREDENTIALS – This uses the same credentials as the production environment.
- DATA – This data is live and matches what is in production.
- NOTE – Methods that modify data (like closing an applicant) can be called but have no effect on the data.
- NOTE – Agencies are not charged for accessing this data.

### Production Environment

<https://crimerecords.dps.texas.gov/SecureSite/ClearinghouseWs/1/ApplicantService.svc?singleWsd>

### TLS 1.2 Requirement

NOTE: All applications require the use of TLS 1.2. This can be done:

#### TLS 1.2 in Windows/.NET

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\ .NETFramework\v4.0.30319: SchUseStrongCrypto to DWORD 1

#### TLS 1.2 in Java

add this to the Java command line: `-Dhttps.protocols=TLSv1.2`



## Trusted Store – Java

Java clients often require the SSL Certificate for the service to be added to the local trusted store.

Start by opening Chrome and navigating to this URL:

<https://crimerecords.dps.texas.gov/SecureSite/ClearinghouseWs/1/ApplicantService.svc?singleWsdI>

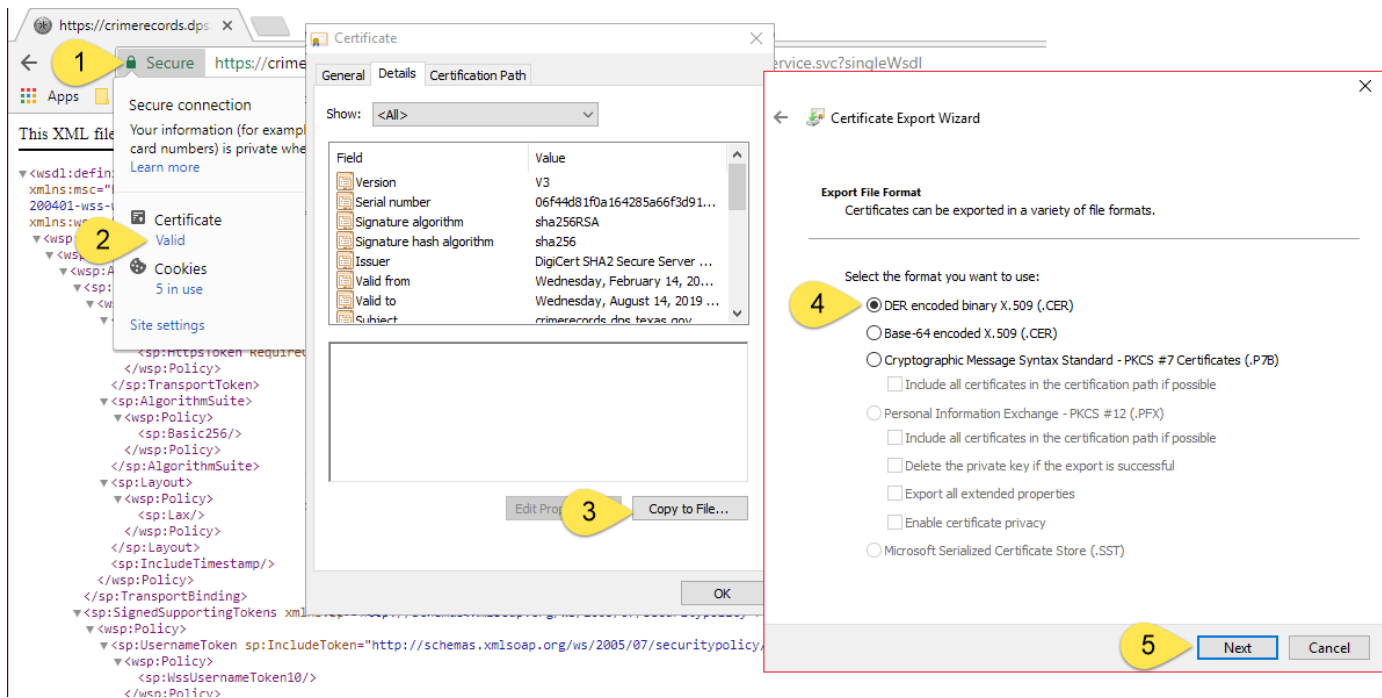
Export the certificate (See Screenshot):

1. Click on Secure
2. Click “Valid” under certificate
3. Click “Copy to file”
4. Choose DER or BASE64 (you may need to try both)
5. Complete the Wizard.

Import the Certificate into the Java Cert Store:

```
keytool -importcert -file certificate.cer -keystore keystore.jks -alias "Alias"
```

(You may need to change some of the parameters)



## Worklists

A Worklist contains applicants of a specific description that are flagged as “Open”. Once an applicant has been returned to the calling application, it is flagged as “Closed” and will not be returned the next time the work list is requested. The applicant will also not be returned in any other Worklists since that applicant is now closed.

- New Applicant Submission – An applicant submission was processed and caused the applicant to be added to the Worklist.

NOTE: DPS does not recommend the SSN for identification of new applicants. When your applicant is being printed your applicant can be assigned a unique value or you can assign a unique value. Both these values can be found in the WsApplicant segment.

- Existing Applicants – Indicates if an Applicant Record is currently in the FACT Clearinghouse. Some Worklists require the agency to be subscribed to the applicant in order for the applicant to be added to the Worklist.

NOTE: For Subscription Events (like EVENT\_CCH) DPS recommends you match on the SID (aka, DPS\_NBR).

- Initial FBI Responses vs FBI Rap Back Responses – Worklist and Event Codes that reference “FBI” are in relation to the initial FBI Response that is receive when processing a new applicant submission. Worklist and Event Codes that reference “FRB” are in relation to FBI Responses receive when processing FBI Rap Back subscriptions.

## Worklist Descriptions

The following table lists all Worklists and describes the types of applicants found. Worklists are based on what is most likely to follow as the next step in the workflow for processing an applicant.

*EXAMPLE: In the table below an applicant that is found on the NEW\_HIT\_SOR Worklist may need to have their Public Sex Offender Record reviewed.*

Work List Name	Description	Possible Agency Action
<b>CONSOLIDATED*</b>	<b>[DEPRECATED]</b> Applicants that have been assigned a new SID.	Update agency database to reflect new SID.
<b>REJECT_FBI_MULTIPLE</b>	Applicants whose fingerprints were rejected multiple times by FBI AFIS.	Initiate FBI Name Based background check.
<b>REJECT_FBI</b>	Applicants whose fingerprints were rejected by FBI AFIS.	Re-schedule applicant for FAST service.
<b>REJECT_CCH</b>	Applicants whose fingerprints were rejected by TX AFIS. NOTE: This records will have DPS_NBR=00000000	Re-schedule applicant for FAST service.
<b>NEW_NOHIT</b>	Applicants that do not have a Texas, FBI or Sex Offender Criminal History.	Hire applicant
<b>NEW_HIT_SOR</b>	Applicants found in the Texas Public Sex Offender Registry.	<ol style="list-style-type: none"> <li>1. Pull Applicant Record including Texas Public Sex Offender Registry Record</li> <li>2. Initiate employment eligibility workflow to have criminal histories reviewed.</li> <li>3. Make determination for new hire.</li> </ol>
<b>NEW_HIT</b>	Applicants that has a Texas, FBI or Sex Offender Criminal History.	<ol style="list-style-type: none"> <li>1. Pull Applicant Record</li> <li>2. Initiate employment eligibility workflow to have criminal histories reviewed.</li> <li>3. Make determination for new hire.</li> </ol>
<b>NEW_OTHER</b>	New applicants that must be manually reviewed because their initial status could not be determined or has expired.	
<b>EVENT_SOR*</b>	Applicants that have recently been added to the Public Texas Sex Offender Registry.	<ol style="list-style-type: none"> <li>1. Pull Applicant Record including Texas Public Sex Offender Registry Record</li> <li>2. Initiate workflow to review criminal histories and new registry record.</li> <li>3. Make determination of existing applicant.</li> </ol>
<b>EVENT_CCH*</b>	Applicants that have a new qualifying event in the Texas Criminal History.	<ol style="list-style-type: none"> <li>1. Pull Applicant Record</li> <li>2. Initiate employment eligibility workflow to have criminal histories reviewed.</li> <li>3. Make determination on existing applicant.</li> </ol>
<b>EVENT_ALL</b>	Applicants that have a new qualifying event in CCH, SOR or FBI. Requires FBI Rap Back Subscription.	
<b>NEW_SUBSCRIPTION *</b>	An Applicant that was automatically subscribed to by your agency.	
<b>SUBSCRIPTION_VAL90</b>	An Applicant will appear on this worklist when the applicant is within 90 days being automatically unsubscribed. A subscription can be validated at any time. Requires FBI Rap Back Subscription.	Applicants on this worklist do not get closed. Either validate or unsubscribe the subscription.
<b>SUBSCRIPTION_EXPIRED</b>	An Applicant will appear on this worklist when the applicant has been automatically unsubscribed. Requires FBI Rap Back Subscription.	

\* Only available with applicants for which the agency has an active Texas Subscription.

Work List Name	Description	Possible Agency Action
<b>EVENT_FRB</b> <b>EVENT_FBI</b>	Applicants that have a new triggering event in the FBI Criminal History. Requires FBI Rap Back Subscription.	
<b>NEW_HIT_FRB</b> <b>NEW_HIT_FBI</b>	Subscriptions with an FBI Response received from a Rap Back Subscription (RBSR). Received <b>response shows an arrest.</b>	
<b>NEW_NOHIT_FRB</b> <b>NEW_NOHIT_FBI</b>	Subscriptions with an FBI Response received from a Rap Back Subscription (RBSR). Received <b>response shows no arrest.</b>	

## Worklist Contents

The following table shows the statuses for each of those data sources/responses and what Worklist they will be included in. There are four data sources/responses that determine what Worklists an applicant will be included in.

*EXAMPLE: The table below shows an applicant with a FBI Response of REJECT will show on the REJECT\_FBI Worklists.*

Worklist Name	CCH Response	FBI Response	SOR Response	Event Code	Requirement
<b>CONSOLIDATED</b>				CONSOLIDATED	
<b>REJECT_FBI_MULTIPLE</b>		REJECT			Must be at least +n in past x-days
<b>REJECT_FBI</b>		REJECT			
<b>REJECT_CCH</b>	REJECT				
<b>NEW_NOHIT</b>	NOHIT	NOHIT	NOHIT	INITIAL_NEW_NOHIT, INITIAL_RENEW_NOHIT	Must match all responses or have event code
<b>NEW_NOHIT_FRB</b>				FRB_NEW_NOHIT	
<b>NEW_HIT_FRB</b>				FRB_NEW_HIT	
<b>NEW_HIT_SOR</b>			HIT		
<b>NEW_HIT_FBI</b>				FBI_NEW_HIT	
<b>NEW_HIT</b>	HIT	HIT / (Unknown)	HIT	INITIAL_NEW_HIT, INITIAL_RENEW_HIT	Must match any
<b>NEW_OTHER</b>	NOHIT	(Unknown)	NOHIT		
<b>EVENT_SOR</b>				SOR_EVENT	
<b>EVENT_CCH</b>				<del>CCH_EVENT</del> CCH_NEW_TRN CCH_NEW_TRS	
<b>EVENT_FRB</b> <b>EVENT_FBI</b>				FRB_NEW_RBN FBI_NEW_RBN	
<b>EVENT_ALL</b>				CCH_NEW_TRN CCH_NEW_TRS SOR_NEW FRB_NEW_RBN FBI_NEW_RBN	Any open Subscription
<b>NEW_SUBSCRIPTION*</b>				SUBSCRIPTION_NEW, SUBSCRIPTION_RENEW	
<b>SUBSCRIPTION_VAL90</b>					All active Subscriptions with a validation date within 90 days of being unsubscribed.
<b>SUBSCRIPTION_EXPIRED</b>			EXPIRED		



## Applicants on Multiple Worklists

Applicants matching more than one Worklist that appear on all matching Worklists. The following table shows 4 Applicants and their status for each data source along with the Agency's subscription status.

### Example

Applicant JOHNSON has a Texas Criminal History (CCH Response = HIT) and an FBI Reject (FBI Response = REJECTED). Therefore, applicant JOHNSON appears on the Worklists REJECT\_FBI and NEW\_HIT. Closing applicant JOHNSON will remove the applicant from all Worklists.

	ALBERTSON	JOHNSON	SMITH	GARCIA	
<b>Response Statuses</b>					
<b>CCH Response</b>	HIT	HIT	NO HIT	NEW EVENT	
<b>FBI Response</b>	REJECTED	REJECTED	NO HIT		
<b>SOR Response</b>					
<b>Agency is Subscribed</b>				Yes	
<b>Worklists</b>					
<b>REJECT_FBI</b>	Included	Included			
<b>REJECT_FBI_MULTIPLE</b>	Included*				
<b>NEW_HIT</b>	Included	Included			
<b>NEW_NOHIT</b>			Included		
<b>EVENT_CCH</b>				Included	

\* Assumes another recent FBI Reject exists for this SID.

Therefore the order in which you process your worklist matters. Notice the difference between the two executions:

#### Execution 1:

1. Request NEW\_HIT
2. See JOHNSON's record is a HIT and **PROCESS AS A HIT**.
3. Close JOHNSON's record
4. Request REJECT\_FBI ← JOHNSON is no longer part of this worklist because the applicant is now closed.

#### Execution 2:

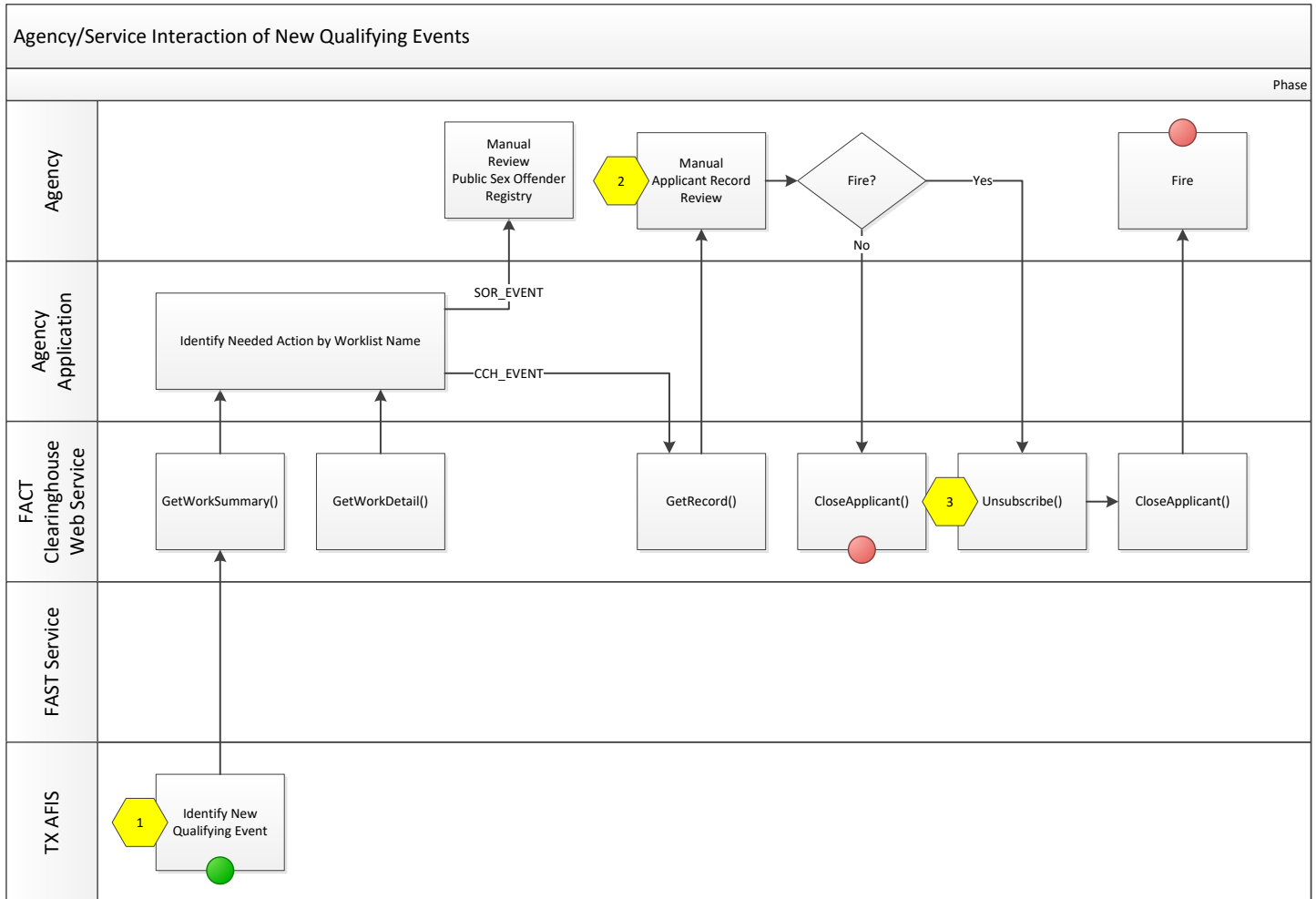
1. Request REJECT\_FBI
2. See JOHNSON's record is a REJECT and **PROCESS AS A REJECT**.
3. Close JOHNSON's record
4. Request NEW\_HIT ← JOHNSON is no longer part of this worklist because the applicant is now closed.



## Example Agency/Service Interaction of New Qualifying Events

The following show one possible workflow an Agency may have for processing new qualifying events for subscribed applicants. Start at the green dot; important steps are identified by the yellow icons that match the following steps:

1. A new qualifying is received. An example would be a new arrest.
2. Review the updated Applicant Record to see new arrest data.
3. If an applicant is no longer employed by the Agency, the applicant must be unsubscribed.





## Example C# Code

The following code is from SampleCode.cs which can be found in the Clearinghouse 2 Service Client source code project. The code is for illustration purposes only and shouldn't be run.

---

*IMPORTANT: When the test web service is in "TESTMODE=TRUE" calling CloseApplicant() does not actually close the applicant's record. This will cause GetWorkDetail() to continuously return the same applicants, effectively forming an infinite loop.*

---

```
SampleCode.cs  X
ClearinghouseClient.SampleCode  ProcessMyApplicants()
1  using ClearinghouseClient.ApplicantService;
2
3  namespace ClearinghouseClient
4  {
5      abstract class SampleCode
6      {
7          private void ProcessMyApplicants()
8          {
9              // Get access to web services and handle authentication
10             var wsClient = new ApplicantServiceClient();
11
12             wsClient.ClientCredentials.UserName.UserName = "";
13             wsClient.ClientCredentials.UserName.Password = "";
14
15             /*****
16              * Process applicants with an FBI "REJECT"
17              *****/
18             while (true)
19             {
20                 // STEP 1: Get up to 500 applicants
21                 var worklistDetail = wsClient.GetWorkDetail("TX1230001", "REJECT_FBI", false);
22
23                 if (worklistDetail.Details.Length == 0)
24                     break;
25
26                 foreach (var applicant in worklistDetail.Details)
27                 {
28                     // STEP 2: Get Record Detail
29                     var applicantDetails = wsClient.GetRecord(applicant.DPS_NBR, "NIEM");
30
31                     // STEP 3: Execute code for handling this type of applicant
32                     // EXAMPLE: Schedule the applicant to be re-fingerprinted Required ICN, latest is [0].
33                     string fbiTCN = applicantDetails.ApplicantSubmissions[0].ICN_TXT;
34                     this.ScheduleFingerprinting(applicant.MNU_TXT, fbiTCN);
35
36                     // STEP 4: Close the applicant
37                     wsClient.CloseApplicant(applicant.DPS_NBR);
38                 }
39             }
40
41             Process other Worklists
42
43         }
44
45         public abstract void ScheduleFingerprinting(string MNU_TXT, string TCN_TXT);
46
47         public abstract void RequestApplicantReview(string MNU_TXT, WsClearinghouseRecord clearinghouseRecord);
48
49         public abstract void HireApplicant(string MNU_TXT);
50     }
51 }
```

## Example SOAP Message

```
App.config*  X
1 <!--
2 xmlns:s="http://schemas.xmlsoap.org/soap/envelope/"
3 xmlns:u="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
4 -->
5 <s:Envelope xmlns:s="..." xmlns:u="...">
6 <s:Header>
7 <o:Security s:mustUnderstand="1" xmlns:o="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd">
8 <u:Timestamp u:Id="_0">
9 <u:Created>2015-04-13T16:36:42.350Z</u:Created>
10 <u:Expires>2015-04-13T16:41:42.350Z</u:Expires>
11 </u:Timestamp>
12 <o:UsernameToken u:Id="uuid-9a2b1d1d-0916-4208-a1c8-ab03b85ce0f6-1">
13 <o:Username>
14 <!--Removed-->
15 </o:Username>
16 <o:Password>
17 <!--Removed-->
18 </o:Password>
19 </o:UsernameToken>
20 </o:Security>
21 </s:Header>
22 <s:Body>
23 <ValidateCredentials xmlns="http://crimerecords.dps.texas.gov/2015/01/Clearinghouse"></ValidateCredentials>
24 </s:Body>
25 </s:Envelope>
26
```

## Subscription Validations {TBD}

All Texas Clearinghouse subscriptions must be validated by the agency every 12-months. This ensures an agency is only subscribed to applicants the agency is authorized to maintain an active subscription.

# FACT Clearinghouse Data Concepts

## Changes to an Applicant Over Time

The following shows how an applicant’s record can change over time. The CCH Response works in a similar way, except that the CchResponseRecord is always up to date with the differences illustrated in the 4<sup>th</sup> step.

1. On 1/2/2014, applicant is fingerprinted and is rejected by the FBI.
  - a. 1<sup>st</sup> WsApplicantRecord is created with FRT=REJECT
  - b. No FBI Response is available
2. On 2/3/2015, applicant is re-fingerprinted and no criminal history was found at the FBI
  - a. Notice: 1<sup>st</sup> WsApplicantRecord still shows FRT=REJECT
  - b. 2<sup>nd</sup> WsApplicantRecord is created with FRT=NOHIT
  - c. A FBI Response is available, reflects 2/3/2015 date
3. On 4/5/2015, applicant is fingerprinted for another agency (not shown).
  - a. Notice: 1<sup>st</sup> WsApplicantRecord still shows FRT=REJECT
  - b. Notice: 2<sup>nd</sup> WsApplicantRecord still shows FRT=NOHIT
  - c. No new WsApplicantRecord is available
  - d. A FBI Response is available, reflects 3/4/2015 date
4. On 5/6/2015, agency views the applicant again.
  - a. Notice: FBI is still dated 3/4/2015
  - b. CCH Response shows CRT=HIT and reflects the date the record was accessed. Even if there was no change to the CCH Response, this CCH Response would still reflect the date the record was accessed.





## Closing an Applicant

An applicant can be open because of:

1. One or more new Applicant Submission records (Each defined by an ApplicantId)
2. Changes to an Applicant Subscription (Defined by the SID, aka DPS\_NBR).

When you close an applicant using either of the close applicant methods, both sets of records will be closed. In Example 1 there are two open applicant submission records and an open subscription. All these records are closed when closing any of the following values:

- SID=07777777
- ApplicantId=1000
- ApplicantId=1001

All data is associated with by SID. In example 2 the Applicant Submission is Texas Reject so there is no SID (DPS\_NBR=00000000) and therefore no associated Applicant Subscription. This means you must close the applicant using:

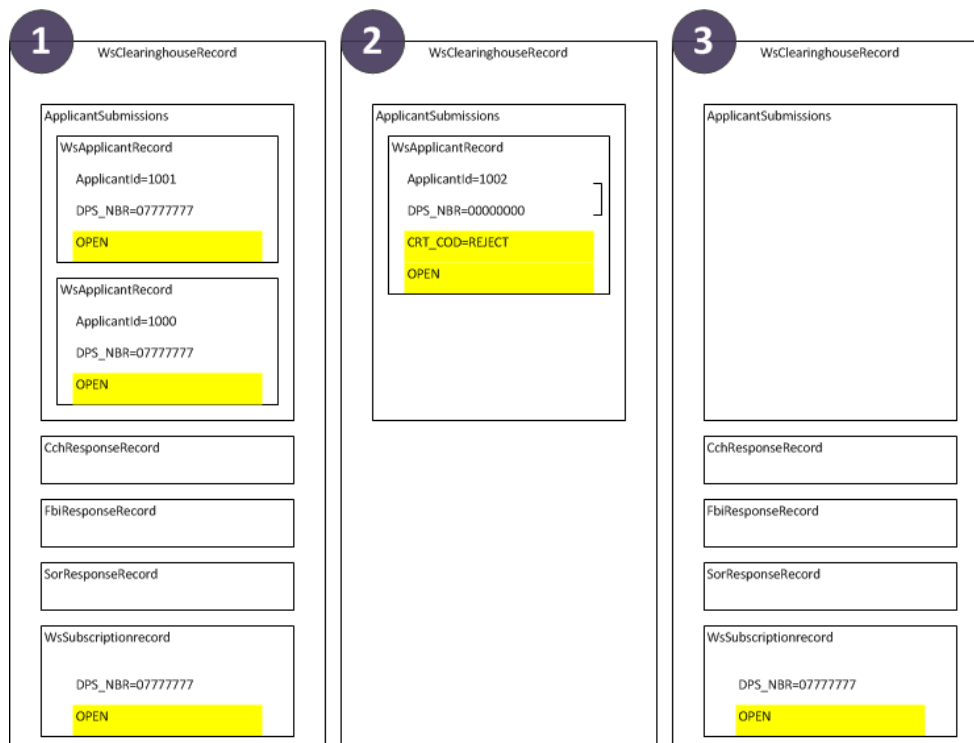
- ApplicantId=1003

If there is a change to an Applicant Subscription, there may or may not be an associated Applicant Submission. In example 3 there is no associated Applicant Submission and therefore no ApplicantId. Some reasons there may not be an Applicant Submission:

1. The Subscription was manually created (instead of being automatically created from an Applicant Submission)
2. The only Applicant Submissions associated with the SID is no longer available.

In this example you must close the applicant using:

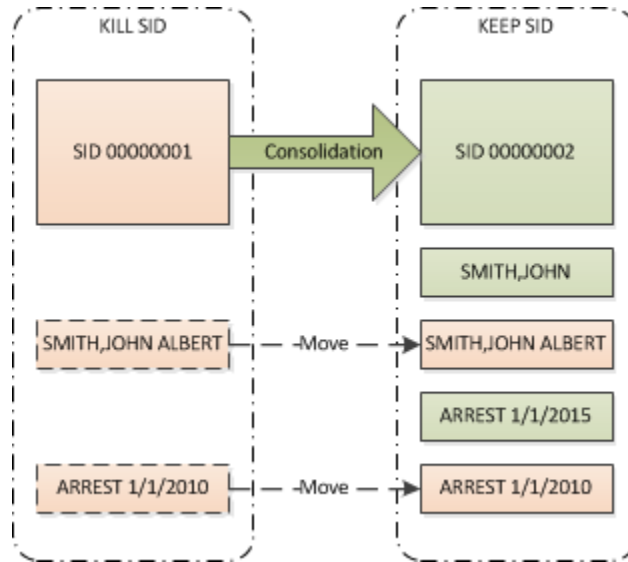
- SID=07777777



# Texas Criminal History Concepts

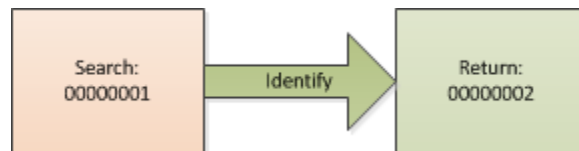
## Consolidations

A consolidation of records within the Computerized Criminal History Database (CCH) is when the data from one SID is moved to another SID. Identifying information (e.g. Names & Birthdates) and arrest information are moved from the KILL SID onto the KEEP SID. A stub record that represents the KILL SID continues to exist with a reference to the KEEP SID.



## Searching for Consolidated SIDs

When searching for a record by KILL SID, the stub record is used to identify the KEEP SID and the KEEP SID is used for returning the results.



## Impact to Subscriptions

If an agency is subscribed to a SID that is consolidated, the subscription to that KILL SID is disabled and a new subscription with the KEEP SID is created. If a qualifying event occurs, it is added to the KEEP SID subscription and the agency is notified of an event for the new SID.

If an agency receives a subscription event and the SID is unknown, the notification may be for a subscription that was created because of a consolidation. The agency can identify an Applicant's original (KILL) SID in the following ways:

1. Instance of WsIdentifiers (Source=CCH, Key=CONSOLIDATED\_SID) in WsClearinghouseRecord
2. In Texas Criminal History Response (if using the XML format) by the existence of the element INDV/ConsolidatedFrom/RelatedRecord

Previously Agencies were required to update SID's in their system, which was driven via the CONSOLIDATED worklist. Since all SIDs are now available in the notification event, this is no longer a requirement.

Agencies that use the MNU/OCA for matching Clearinghouse data to their systems do not need to do anything specific with consolidated records since the MNU is part of the identifying information that is moved from the KILL SID to the KEEP SID.



## FBI Rap Back (FRB) Subscriptions

An FRB Subscription will allow your agency to receive notification of qualifying events that occur outside of Texas. The primary benefits of having a Rap back subscription are:

1. Ensure the FBI Response portion of the Record Detail is always up to date.
2. Receive notification of changes to the FBI Response portion of the Record Detail.

From a technical point of view, an agency does not require any changes to use Rap back. Worklists exist for processing FBI Rap Back Subscription events and the RBTED data element further identifies why a new FBI response was added.

*Notice – Once enabled for Rap Back, your agency will start receiving additional FRB Worklists. Please ensure your application can support these.*

## Eligibility

To enable FRB Subscriptions, the agency and individual ORI's associated with the agency must be configured by DPS.

1. Agency requirements:
  - a. Be configured in Clearinghouse for FRB
  - b. Have one or more ORI's configured for FRB
  - c. Have correct waiver/legal language on file
2. Applicant requirements:
  - a. Have prints retained by the FBI. Applicants that have a valid FBI Response obtained for applicant purposes since 2015-06-15 identify these applicants. Said response must have a EVI value and must be tracked within the FACT Clearinghouse.
  - b. Have an Active FACT Clearinghouse Subscription

## RBTED Data Elements

The RBTED data element (found on the FBI Response) identifies why an FBI response was added. This only applies to FBI Responses that were received from the FRB process. Example value:

NCIC WANTED / PERSON ENTRY FROM ORI - NY0303000: NIC/12345, DATE OF WARRANT 20140511{GS}

Section "RBTED 2.2069 Rap Back Triggering Event Details" of the Master EBTS documentation further define this section. Configuration by DPS specifies the specific events that generated are and may change from agency to agency.

The value of the RBTE

## Consolidations

When a SID is consolidated, a new FBI Rap Back Subscription is established and the old one is canceled. A new ERS is returned and may cause the applicant to appear on a worklist.

## Rejects

{TBD}

## Validations

The FBI requires that agencies regularly validate their FBI Rap Back Subscriptions. {TBD}

## Data Formats

### <WsClearinghouseRecord> Example

```
<WsClearinghouseRecord xmlns:xsd="..." xmlns:xsi="...">
  <ApplicantSubmissions>
    <WsApplicantRecord>
      <ApplicantId />
      <CRS_COD>DONE</CRS_COD>
      <CRT_COD>HIT</CRT_COD>
      <DOB_DTE />
      <DPS_NBR />
      <FBI_NBR />
      <FBI_TXT />
      <FRS_COD>DONE</FRS_COD>
      <FRT_COD>HIT</FRT_COD>
      <ICN_TXT />
      <NAM_TXT />
      <OCA_TXT />
      <OLN_NBR />
      <ORI_TXT />
      <SCO_TXT />
      <SEX_COD>M</SEX_COD>
      <SOC_TXT />
      <TCN_TXT />
      <TRA_DTE />
    </WsApplicantRecord>
  </ApplicantSubmissions>
  <CchResponseRecord>
    <CRT_COD>NOHIT</CRT_COD>
    <RSP_DTE />
    <ResponseText>
      <!-- ... -->
    </ResponseText>
  </CchResponseRecord>
  <DPS_NBR />
  <FbiResponseRecord>
    <FRT_COD>HIT</FRT_COD>
    <ORI_TXT />
    <RSP_DTE />
    <RBTE />
    <ResponseText>
      <!-- ... -->
    </ResponseText>
  </FbiResponseRecord>
  <Identifiers>
    <WsIdentifier>
      <Key>CONSOLIDATED_SID</Key>
      <Source>CCH</Source>
      <Value>09703906</Value>
    </WsIdentifier>
  </Identifiers>
  <NAM_TXT />
  <SorResponseRecord>
    <RSP_DTE>2015-07-08T10:36:20.9510296-05:00</RSP_DTE>
    <ResponseUrl>https://.../Individual.aspx?DPS_NBR=50512401</ResponseUrl>
    <SRT_COD>HIT</SRT_COD>
  </SorResponseRecord>
  <SubscriptionRecord>
    <DOB_DTE>0001-01-01T00:00:00</DOB_DTE>
    <DPS_NBR />
    <EVT_DTE>0001-01-01T00:00:00</EVT_DTE>
    <HasSubscription>>false</HasSubscription>
    <IsOpen>>false</IsOpen>
    <NAM_TXT />
    <SEX_COD />
  </SubscriptionRecord>
</WsClearinghouseRecord>
```

## <WsCchResponseRecord>

### GetRecord() "Format" Parameter

When calling the GetRecord() method there are two options for the format in which the Texas Criminal History response is returned (WsCchResponseRecord). Both options return the same information, but in different formats:

- XML – This XML is based on the data structure of the Texas Criminal History Database.
- NIEM – This is a NIEM compliant XML data structure.

### Use of <xsd:any>

An XSD document is an XML document that describes/validates another XML document. A WSDL document is specific type of XSD that is used for describing/validating a web service. The <any> element of an XSD document allows the document being described/validated to include XML that is not described/validated.

The element <ResponseText> (within <WsCchResponseRecord>) is defined as <any> for the following reasons:

- The response can be of different XML formats.
- The WSDL is simpler.
- Additional formats can be added supported without publishing a modified WSDL.

---

*Please note that this section also applies to the WsFbiResponseRecord type.*

---

```
<?xml version="1.0" encoding="utf-8"?>
<wsdl:definitions name="ApplicantService" targetNamespace="http://crimerecords.dps.texas.gov/"
  <wsdl:types>
    <xs:schema elementFormDefault="qualified" targetNamespace="http://crimerecords.dps.texas.
      ...
      <xs:complexType name="WsCchResponseRecord">
        <xs:sequence>
          <xs:element minOccurs="0" name="CRT_COD" nillable="true" type="xs:string"/>
          <xs:element minOccurs="0" name="RSP_DTE" type="xs:dateTime"/>
          <xs:element minOccurs="0" name="ResponseText" nillable="true">
            <xs:complexType>
              <xs:sequence>
                <xs:any minOccurs="0" processContents="lax"/>
              </xs:sequence>
            </xs:complexType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
      <xs:element name="WsCchResponseRecord" nillable="true" type="tns:WsCchResponseRecord"/>
      <xs:complexType name="WsFbiResponseRecord">
        <xs:sequence>
          <xs:element minOccurs="0" name="FRT_COD" nillable="true" type="xs:string"/>
          <xs:element minOccurs="0" name="ORI_TXT" nillable="true" type="xs:string"/>
          <xs:element minOccurs="0" name="RSP_DTE" type="xs:dateTime"/>
          <xs:element minOccurs="0" name="ResponseText" nillable="true">
            <xs:complexType>
              <xs:sequence>
                <xs:any minOccurs="0" processContents="lax"/>
              </xs:sequence>
            </xs:complexType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
      <xs:element name="WsFbiResponseRecord" nillable="true" type="tns:WsFbiResponseRecord"/>
      ...
    </xs:schema>
  </wsdl:types>
</wsdl:definitions>
```

## Sample format=XML

```
>> <CchResponseRecord>␣
>> <ExtensionData />␣
>> <CRT_COD>HIT</CRT_COD>␣
>> <RSP_DTE>2015-03-24T00:00:00</RSP_DTE>␣
>> <ResponseText>␣
>> >> <INDV xmlns="" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns␣
>> >> >> <IND_IDN value="7475004" />␣
>> >> >> <DPS_NBR value="07777777" />␣
>> >> >> <TYP_COD value="X">TCIC JACKET</TYP_COD>␣
>> >> >> <REL_IDN value="" />␣
>> >> >> <NCP_COD value="" />␣
>> >> >> <III_COD value="" />␣
>> >> >> <ICO_TXT value="NOT IDENT W/TEST,RECORD-SSN:000-02-0000 LL"␣
>> >> >> <DLU_DTE value="3/24/2015" />␣
>> >> >> <PERSON>␣
>> >> >> >> <CTZ_COD value="" />␣
>> >> >> >> <POB_COD value="TX">TEXAS</POB_COD>␣
>> >> >> >> <SKN_COD value="LBR">LIGHT BROWN</SKN_COD>␣
>> >> >> >> <SEX_COD value="F">FEMALE</SEX_COD>␣
>> >> >> >> <RAC_COD value="U">UNKNOWN</RAC_COD>␣
>> >> >> >> <ETH_COD value="N">NON-HISPANIC</ETH_COD>␣
>> >> >> >> <HGT_QTY value="505">5'5"</HGT_QTY>␣
>> >> >> >> <WGT_QTY value="500">500 LBS</WGT_QTY>␣
>> >> >> >> <HAI_COD value="BLK">BLACK</HAI_COD>␣
>> >> >> >> <EYE_COD value="BRO">BROWN</EYE_COD>␣
>> >> >> >> <FBI_NBR value="" />␣
>> >> >> >> <TYP_COD value="B" />␣
>> >> >> >> <DNA_COD value="N" />␣
```

## Sample format=NIEM

```
>> <CchResponseRecord>␣
>> <ExtensionData />␣
>> <CRT_COD>HIT</CRT_COD>␣
>> <RSP_DTE>2015-03-24T00:00:00</RSP_DTE>␣
>> <ResponseText>␣
>> >> <rap:RapSheet xmlns:rap="http://nlets.org/niem2/rapsheet/1.0" xml␣
>> >> >> <rap:RapSheetPerson s:id="IDOED">␣
>> >> >> >> <nc:PersonAlternateName>␣
>> >> >> >> >> <nc:PersonGivenName></nc:PersonGivenName>␣
>> >> >> >> >> <nc:PersonSurName></nc:PersonSurName>␣
>> >> >> >> >> <nc:PersonFullName>ANOTHER, TEST</nc:PersonFullName␣
>> >> >> >> >> </nc:PersonAlternateName>␣
>> >> >> >> >> <nc:PersonAlternateName>␣
>> >> >> >> >> >> <nc:PersonGivenName></nc:PersonGivenName>␣
>> >> >> >> >> >> <nc:PersonSurName></nc:PersonSurName>␣
>> >> >> >> >> >> <nc:PersonFullName>ARREST, TEST</nc:PersonFullName␣
>> >> >> >> >> >> </nc:PersonAlternateName>␣
>> >> >> >> >> >> <nc:PersonAlternateName>␣
>> >> >> >> >> >> >> <nc:PersonGivenName></nc:PersonGivenName>␣
>> >> >> >> >> >> >> <nc:PersonSurName></nc:PersonSurName>␣
>> >> >> >> >> >> >> <nc:PersonFullName>HOMER, NICKNAME</nc:PersonFullNa␣
>> >> >> >> >> >> >> </nc:PersonAlternateName>␣
>> >> >> >> >> >> >> <nc:PersonAlternateName>␣
>> >> >> >> >> >> >> >> <nc:PersonGivenName></nc:PersonGivenName>␣
>> >> >> >> >> >> >> >> <nc:PersonSurName></nc:PersonSurName>␣
>> >> >> >> >> >> >> >> <nc:PersonFullName>JOE, TEST</nc:PersonFullName>␣
>> >> >> >> >> >> >> >> </nc:PersonAlternateName>␣
>> >> >> >> >> >> >> >> <nc:PersonAlternateName>␣
```

## Service Methods

<b>Operation Name</b>	GetWorkSummary()		
<b>Description</b>	Returns a summary of all open applicants for the Agency.		
<b>Return Value</b>	WsWorklistSummaryItem[]		
<b>Parameters</b>	<b>Type</b>	<b>Name</b>	<b>Description</b>

<b>Operation Name</b>	GetWorkDetail()		
<b>Description</b>	Returns the first 500 applicants in the specified worklist. To get additional applicants from a worklist, first close some of the returned applicants.		
<b>Return Value</b>	WsWorklistContainer[]		
<b>Parameters</b>	<b>Type</b>	<b>Name</b>	<b>Description</b>
	String	Ori	Originating Agency Identifier
	String	worklist	Worklist Type
	Bool	closeOnReceive	Close applicants once returned. Not yet supported.

<b>Operation Name</b>	CloseApplicant()		
<b>Description</b>	If an applicant submission is rejected by Texas AFIS this method will not work because you will not have a SID. You will have to close using the ApplicantId.		
<b>Return Value</b>			
<b>Parameters</b>	<b>Type</b>	<b>Name</b>	<b>Description</b>
	String	sid	Cannot be 00000000

<b>Operation Name</b>	CloseApplicantByApplicantId()		
<b>Description</b>	Used for closing Applicant Submissions rejected by Texas AFIS.		
<b>Return Value</b>			
<b>Parameters</b>	<b>Type</b>	<b>Name</b>	<b>Description</b>
	Int	applicantId	

<b>Operation Name</b>	Subscribe()		
<b>Description</b>			
<b>Return Value</b>			
<b>Parameters</b>	<b>Type</b>	<b>Name</b>	<b>Description</b>
	String	sid	
	String	ori	Originating Agency Identifier

<b>Operation Name</b>	SubscribeWithKey()		
<b>Description</b>			
<b>Return Value</b>			
<b>Parameters</b>	<b>Type</b>	<b>Name</b>	<b>Description</b>
	String	sid	
	String	ori	Originating Agency Identifier
	String	key	Allow custom identification of the applicant.

<b>Operation Name</b>	Unsubscribe()		
<b>Description</b>			

<b>Return Value</b>			
<b>Parameters</b>	<b>Type</b>	<b>Name</b>	<b>Description</b>
	String	sid	

<b>Operation Name</b>	GetRecord()		
<b>Description</b>			
<b>Return Value</b>	WsClearinghouseRecord		
<b>Parameters</b>	<b>Type</b>	<b>Name</b>	<b>Description</b>
	String	sid	
	String	format	Xml Niem. Format applied to Criminal History Response Text.
	Bool	closeOnReturn	Setting to True will automatically call CloseApplicant()

<b>Operation Name</b>	GetPhoto()		
<b>Description</b>			
<b>Return Value</b>	Byte[]		
<b>Parameters</b>	<b>Type</b>	<b>Name</b>	<b>Description</b>
	Int	imgIdn	

<b>Operation Name</b>	ValidateCredentials()		
<b>Description</b>			
<b>Return Value</b>	Bool		
<b>Parameters</b>	<b>Type</b>	<b>Name</b>	<b>Description</b>

<b>Operation Name</b>	ServerInfo()		
<b>Description</b>			
<b>Return Value</b>	String[]		

## Data Objects

### WsWorklistSummaryItem

<b>Description</b>	Returns the number of applicants that are within a specific worklist.
<b>Usage</b>	Allow application to know which worklists contain applicants or give users an estimated workload.

Property Name	Property Type	Remarks
Worklist	String	
ORI_TXT	String	Originating Agency Identifier
ATR_TXT	String	Agency Name
ApplicantCount	Int	

### WsWorklistContainer

<b>Description</b>	
<b>Usage</b>	

Property Name	Property Type	Remarks
ORI_TXT	String	Originating Agency Identifier
ATR_TXT	String	Agency Name
CloseBatchTrace	String	
Details	WsWorklistRecord[]	

### WsWorklistRecord

<b>Description</b>	Describes an applicant that matches the worklist it was retrieved from. If ApplicantId exists, then there is a new FAST Applicant Submission to review, otherwise there is a subscription event to review. ResponseStatus values are at the time the record was processed, the older the record the more likely the ResponseStatus is no longer valid.
<b>Usage</b>	Use DPS_NBR or ApplicantId to get additional details on the applicant.

Property Name	Property Type	Remarks
ApplicantId	Int	Uniquely Identifies an Applicant Submission.
DPS_NBR	String	Aka "SID". Has a value of 00000000 for Texas AFIS Rejects. Otherwise always populated.
ORI_TXT	String	Originating Agency Identifier
NAM_TXT	String	Applicant Name
EVT_DTE	DateTime	Fingerprint Event of Subscription Event date
CchResponseStatus	String	REJECT HIT NOHIT
FbiResponseStatus	String	REJECT HIT NOHIT
SubscriptionStatus	String	
SorResponseStatus	String	HIT NOHIT
EVT_FLG	Bool	True: applicant record is open.
MNU_TXT	String	Unique agency identifier submitted through FAST process.

## WsApplicantRecord

<b>Description</b>	Represents an instance of an Applicant being fingerprinted via FAST. HIT/NOHIT flags are set at the time the record was processed, not at the time the record was accessed.
<b>Usage</b>	Client application should act upon this depending on the CCH & FBI Responses. A CCH or FBI Reject may result in the Client application requesting the applicant to reschedule a fingerprinting. A CCH or FBI "HIT" may trigger the client application to pull the Criminal History for review.

Property Name	Property Type	Remarks
ApplicantId	Int	Uniquely Identifies an Applicant Submission.
DPS_NBR	String	Aka "SID". Has a value of 00000000 for Texas AFIS Rejects. Otherwise always populated.
TRA_DTE	DateTime	Date Submission Record was submitted.
CRS_COD	String	CCH Status (HOLD DONE)
CRT_COD	String	CCH Response (REJECT HIT NOHIT)
DOB_DTE	Date	Applicant Date of Birth
FBI_NBR	String	FBI Number
FBI_TXT	String	FBI Reject Text
FRS_COD	String	FBI Response (NONE WAIT DONE) NOTE: Applicants returned on a Worklist
FRT_COD	String	FBI Type (REJECT HIT NOHIT)
ICN_TXT	String	ICN (aka: FBI's TCN)
NAM_TXT	String	Applicant Name
OLN_NBR	String	OLS_COD + OLN_NBR
ORI_TXT	String	Originating Agency Identifier
SCO_TXT	String	SCO
SEX_COD	String	Sex
SOC_TXT	String	Social Security Number
TCN_TXT	String	TCN / Transaction Control Number
OCA_TXT	String	Unique agency identifier submitted through FAST process. Also known as MNU or Agency Case Number.



## WsClearinghouseRecord

<b>Description</b>	Combination of various Criminal History records.
<b>Usage</b>	Display to user to allow determination to be made.

Property Name	Property Type	Remarks
DPS_NBR	String	aka "SID"
NAM_TXT	String	Name
ApplicantSubmissions	WsApplicantRecord[]	(Optional)
SubscriptionRecord	WsSubscriptionRecord	(Optional)
FbiResponseRecord	WsFbiResponseRecord	(Optional) Always a space-formatted data
CchResponseRecord	WsCchResponseRecord	(Optional) Includes Criminal and/or Applicant Record
SorResponseRecord	WsSorResponseRecord	(Optional)
Identifiers	WsIdentifiers	Format: "{Type}:{Value}" SID:01234567 SID:01234568 MNU:EMP1234

## WsCchResponseRecord

<b>Description</b>	Texas Criminal History Record. Non-Criminals will only have detailed identification information. Criminals will have arrest and charge information.
<b>Usage</b>	

Property Name	Property Type	Remarks
RSP_DTE	DateTime	Date of Response. This is CCH's DLU – NOT Today's Date.
CRT_COD	String	Response Type. HIT   NOHIT
ResponseText	XmlElement	Formatted (xml/niem/html/etc.) version of serialized INDV)

## WsFbiResponseRecord

<b>Description</b>	FBI Criminal History Record. Non-Criminals will only have detailed identification information. May include Texas arrest information that is also available in the Texas Criminal History Record.
<b>Usage</b>	

Property Name	Property Type	Remarks
RSP_DTE	DateTime	Date of Response
FRT_COD	string	Response Type (HIT   NOHIT)
ResponseText	XmlElement	Formatted xml with root node <Lines> and child nodes <Line row="1">... </Line>
ORI_TXT	String	Originating Agency Identifier
RBTED	String	FBI Rap Back Triggering Event Data. Populated from a FRB Subscription Event.

## WsSorResponseRecord

<b>Description</b>	Public Texas Sex Offender Registry Indicator.
<b>Usage</b>	If HIT, then allow the user to navigate to the URL to view the Public SOR Record.

Property Name	Property Type	Remarks
RSP_DTE	DateTime	Date of Response
SRT_COD	String	HIT NOHIT
ResponseUrl	String	URL to record on Texas Public Sex Offender Registry.

## WsSubscriptionRecord

<b>Description</b>	Details of Agency's Subscription to an Applicant.
<b>Usage</b>	Use the EVT_COD to determine what has triggered the subscription to be opened. If the agency does not have a subscription, but this element exists, then default values are populated.

Property Name	Property Type	Remarks
DPS_NBR	String	aka "SID"
DOB_DTE	DateTime	Date of Birth
EVT_COD	String	Event Code
EVT_DTE	DateTime	Event Date
EVT_TXT	String	Event Text
NAM_TXT	String	Name
SEX_COD	String	Sex
IsOpen	Bool	This subscription event has not been closed by the user.
HasSubscription	Bool	Flag to indicate if the current agency is subscribed to this SID.

## WsIdentifiers

<b>Description</b>	Collection of various values that identify this specific applicant.
<b>Usage</b>	Currently can only be used to identify additional SIDs that the applicant is known by. Future use may include FBI Subscription Identifiers, Agency MNU/OCA values.

Property Name	Property Type	Remarks
Source	String	
Key	String	
Value	String	

## Applicant Record Messages

<i>Code</i>	OPEN
<i>Title</i>	Applicant Record Is Open
<i>Description</i>	This applicant is new or your Agency's Subscription has indicated a status change. Close the Applicant once the record has been reviewed.

<i>Code</i>	SUBSCRIBED
<i>Title</i>	Your Agency Is Subscribed
<i>Description</i>	Your agency is subscribed to this applicant and will receive notification for certain events.

<i>Code</i>	CCH_OUTDATED
<i>Title</i>	Identifiers Not Updated
<i>Description</i>	Although all Arrest, charge and FBI data is up to date, CCH has not been updated since the last applicant submission from your agency. This may result in your agency's identifiers missing from the applicant's record.
<i>Logic</i>	DLU in CCH is older than the Transaction Date of the last Applicant Submission

<i>Code</i>	FBI_REJECT
<i>Title</i>	FBI Response Rejected
<i>Description</i>	The last Applicant Submission for this applicant was rejected by the FBI AFIS. If an FBI Response is present it is from a previous Applicant Submission.

<i>Code</i>	FBI_OUTDATED
<i>Title</i>	FBI Response May Be Out of Date
<i>Description</i>	An Applicant's FBI Record is only updated when an Applicant Submission is processed. The greater the time between accessing an FBI Record and the last Applicant Submission offers a greater chance of new FBI Arrest data not being reflected in the FACT Clearinghouse.
<i>Logic</i>	Display if latest FBI Response is past threshold.

<i>Code</i>	FBI_PENDING
<i>Title</i>	FBI Response not Received
<i>Description</i>	An Applicant's FBI Record has not yet been updated for the last applicant submission. To view the updated FBI Record return to this Applicant Record at a later time.

<i>Code</i>	FEE_WARN
<i>Title</i>	Fee-Based Record Access
<i>Description</i>	Your agency does not have a recent Applicant Submission for this applicant, therefore requesting access to the Texas Arrest & FBI Arrest Records (even if not present) will incur a cost for your Agency.
<i>Logic</i>	Only displayed if Organization is PrePay or Billable

## Important Timeframes

<b>Description</b>	<b>Start Time</b>	<b>Range from Start</b>
<i>View an Applicant Record without a charge</i>	Last Applicant Submission	30-days
<i>Access to Applicant Submission</i>	Submission Event Date	3-Months
<i>Applicant Submission HIT/NOHIT Indicators</i>	Submission Event Date	1-Month
<i>Warning of outdated FBI Response</i>	Submission Date of Last valid FBI Response	6-Months
<i>Disabling of Invalid Subscriptions</i>	From Removal of qualifying applicant flag	24-Hours
<i>Automatic Closing of Applicant Record</i>	Submission Event Date	6-Months
<i>Reprint after the First FBI print Rejection</i>	Date of Rejection	One year
<i>Request a Name-Based Search after the second FBI print Rejection</i>	Date of 2 <sup>nd</sup> Rejection	90 days
<i>Time-Out of a Subscription Payment Key</i>	Creation of Subscription Payment Key	1-Month
<i>Reach-back date for auto-subscribing to applicants</i>	Submission Event Date	6-months

## Glossary

Applicant – A physical person that is submitting, or has previously submitted, fingerprints for the purpose of obtaining a criminal history check for an authorized purpose. Applicant fingerprint based results is stored in the CCH and, if present, is associated with the Texas arrest data in the CCH.

Applicant Purpose –

Applicant Purpose Group –

Applicant Submission – An Applicant Submission is a specific instance of fingerprints being submitted for the purpose of employment. The submission may be because a previous applicant submission was rejected by either the CCH or the FBI.

Applicant Submission, Pending Status – An applicant submission record where the record has not yet been updated in the criminal history database or the FBI Response has not yet been received.

Applicant Submission, Completed Status – An applicant submission record where both CCH and FBI systems have accepted the quality of the fingerprints and the final CCH and final FBI Response have been received.

Applicant Submission, Rejected Status – An applicant submission with an accepted CCH Response but a rejected FBI Response. Records with a rejected FBI response will have a subscription created, if required. If CCH has accepted the quality of the fingerprint but they have been rejected by the FBI a subscription will created as required.

Applicant Record – Consolidation of applicant records based on a fingerprint match. Includes: the most recently reported Identification and arrest information from the CCH, Applicant Submissions and Subscription from the FACT Clearinghouse and the last reported FBI Response.

Texas AFIS Response – A fingerprint matching response for an Applicant Submission from the CCH indicating if the Applicant is on file and if the applicant has associated Texas Arrest Data.

Texas Criminal History – Texas arrest information associated with the representation of fingerprints retained by the Department for the identification of arrest information. The Criminal Record always contains the latest information that has been reported to the Computerized Criminal History Database (CCH).

The data representing a Criminal Record contains identification and arrest information. It is available in both a custom XML and NIEM format. A Criminal Record may also be a CCH Applicant Record.

FBI AFIS Response – The FBI responds to fingerprint requests with one of the following responses:

- a) Various “Rejected” messages.
- b) “No Prior Arrest” presented in a text-formatted message
- c) “Identified” followed by arrest information presented in a text-formatted message. This arrest information may include Texas and Non-Texas arrest information.

FBI Criminal History –

Identification Record – Identification information (Name, Sex, Race, Etc) that is shared by Applicant Records and Criminal Records.

Texas Subscription – A subscription is the association of a SID with an Organization that results in the agency being notified of changes to the Clearinghouse Record by the way of a Subscription Event.

Texas Subscription Event – A subscription event is generated when there is a change to the state of the subscription.

Qualifying Event –

Notification –

Notification Recipient –

Open Applicant – The state of an applicant when a new Qualifying Event or Texas Subscription Event has occurred and the applicant record has yet to be reviews by the Agency.

Subscription Validation (?) –

FBI Rap Back Subscription (?) –

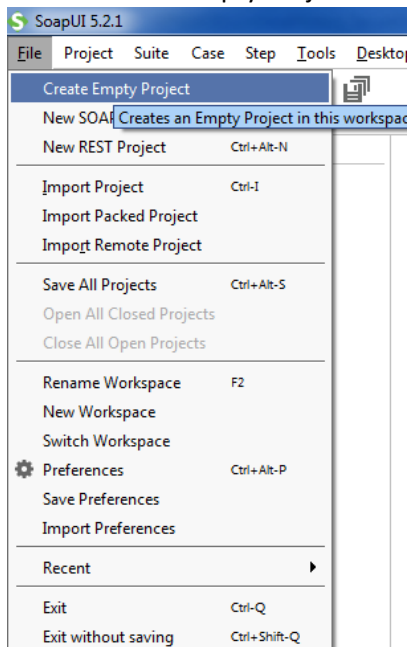
## Appendix A – Using SoapUI

Instructions for calling the ValidateCredentials() method using SoapUI.

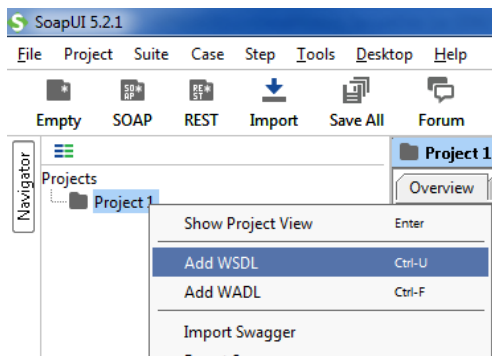
- Setup the WSDL
- Configure the Endpoint
- Setup WS-Security
- Instruct the Method to use WS-Security
- Execute the method

### Setup the WSDL

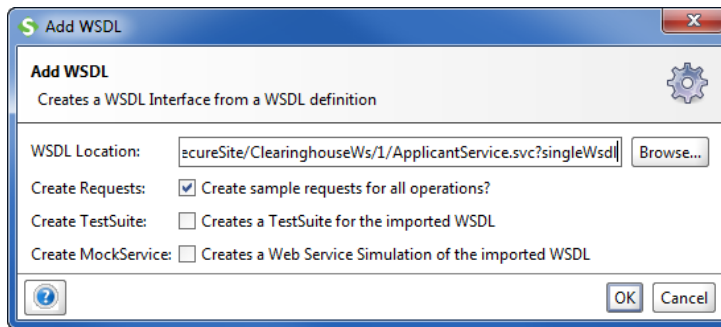
1. Create an empty project
  - a. Open “File” Menu
  - b. Select “Create Empty Project”



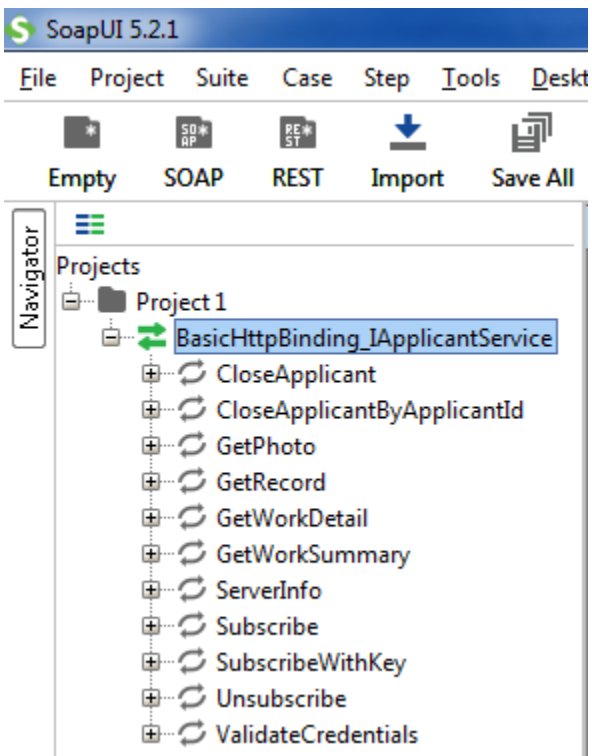
2. Add a WSDL to the project
  - a. Right-Click on the Project
  - b. Click “Add WSDL”



- c. Enter the URL for the WSDL & click OK.



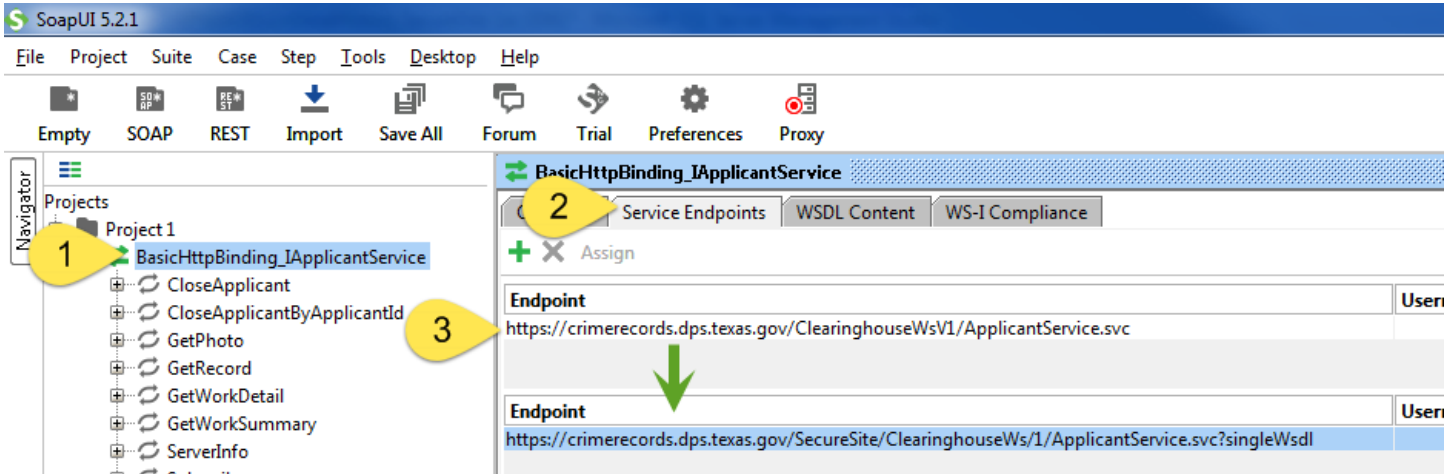
You should now see the methods:



## Configure the Endpoints

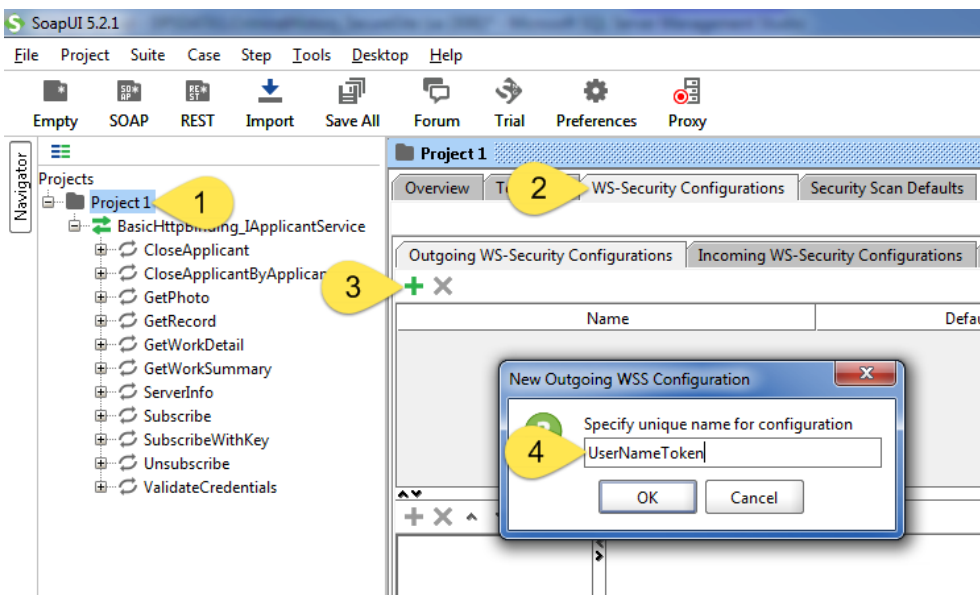
1. Click on the WSDL
2. Navigate to the "Service Endpoints" tab
3. Update the endpoint to the original WSDL's URL



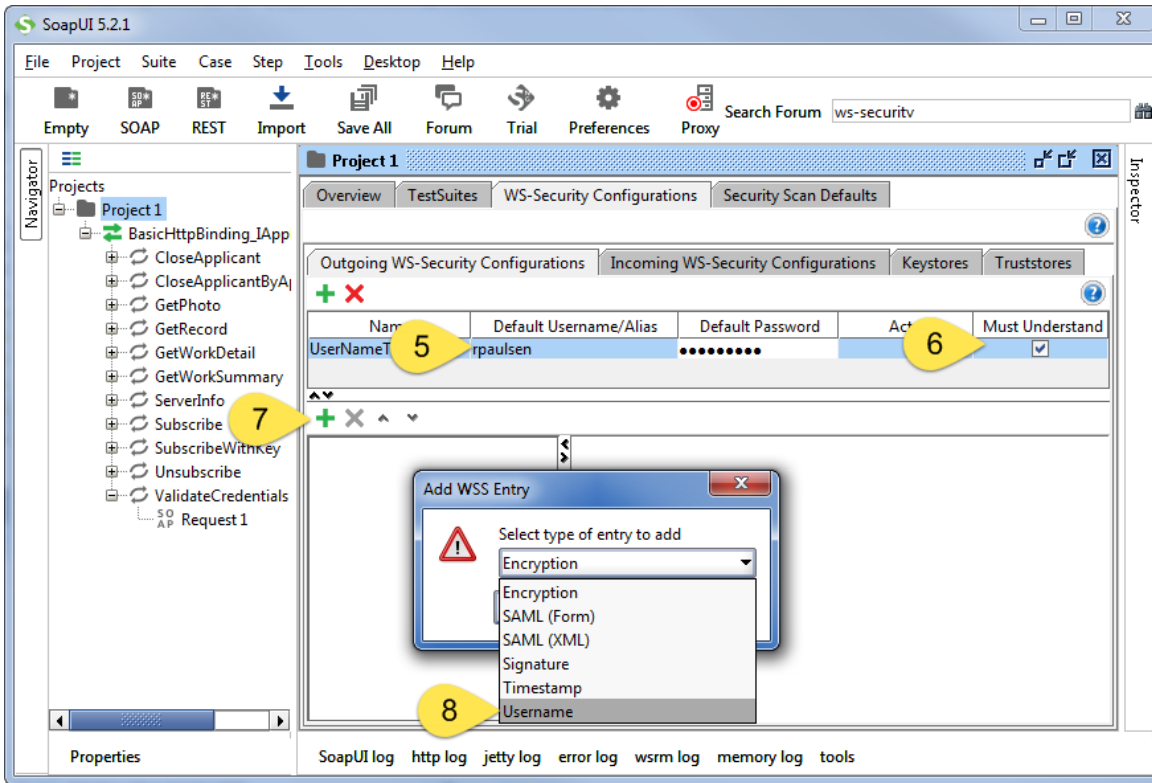


## Setup WS-Security

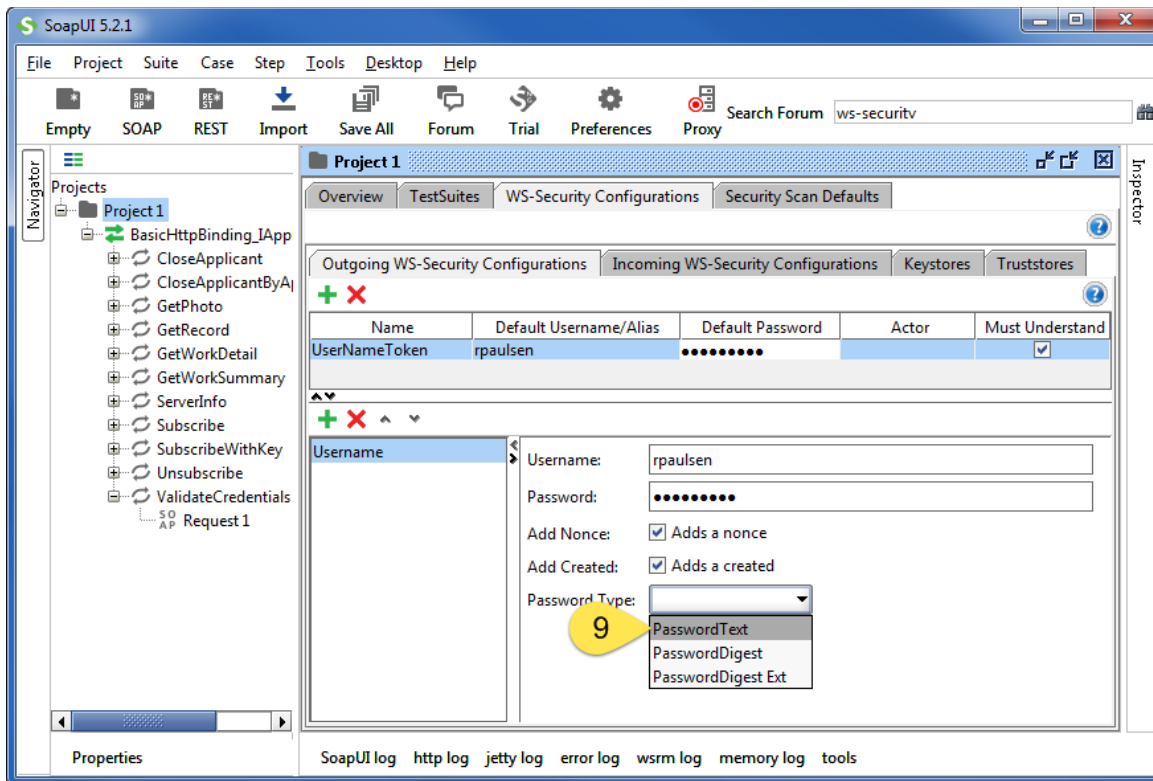
1. Double-Click on the Project folder
2. Navigate to the tab “WS-Security Configurations”
3. Click on “+”
4. Enter any configuration name



5. Enter your user name & passwords
6. Select “Must Understand”
7. Click “+”
8. Choose “Username”



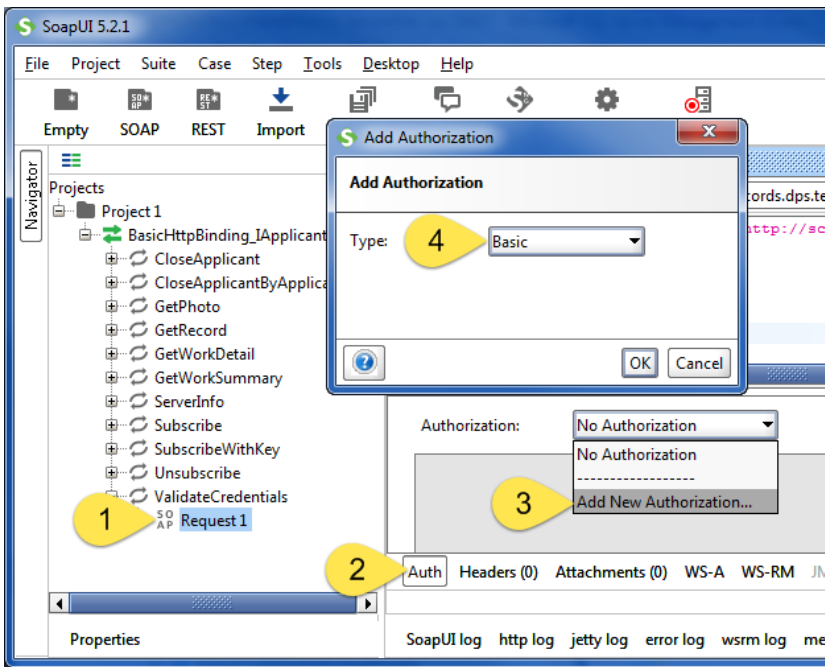
9. Choose password type of “PasswordText”



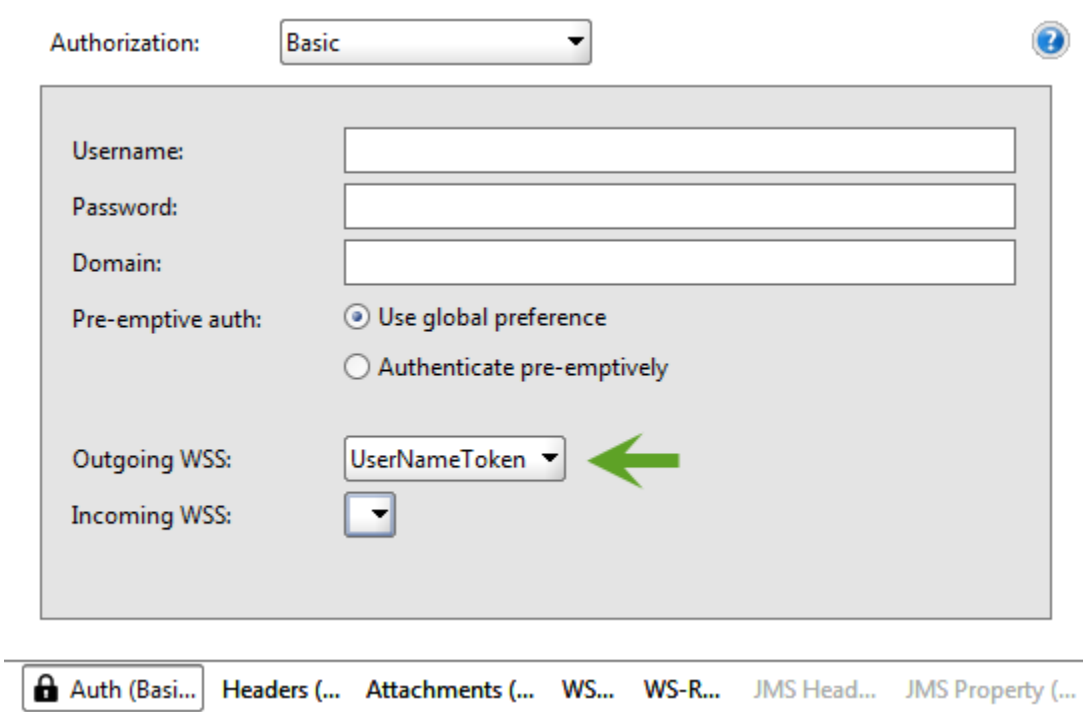
## Instruct the Method to use WS-Security

1. Click on the request
2. Navigate to the “Auth” panel

3. Select “Add new Authorization”
4. Select “Basic” and click ok.



5. Select the item you created previously.



## Execute the Method

1. Select the request to run
2. Click “Play”
3. Result should display. If not, confirm you are using the correct password.

SoapUI 5.2.1

File Project Suite Case Step Tools Desktop Help

Empty SOAP REST Import Save All Forum Trial Preferences Proxy

Navigator

Projects

- Project 1
- BasicHttpBinding\_IApplicantService
  - CloseApplicant
  - CloseApplicantByApplicantId
  - GetPhoto
  - GetRecord
  - GetWorkDetail
  - GetWorkSummary
  - ServerInfo
  - Subscribe
  - SubscribeWithKey
  - Unsubscribe
  - ValidateCredentials

Request 1

https://crimerecords.dps.texas.gov/SecureSite/ClearinghouseWs/1/ApplicantService.svc?singleWsdL

Raw XML

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Header/>
  <soapenv:Body>
    <cle:ValidateCredentials/>
  </soapenv:Body>
</soapenv:Envelope>
```

Raw XML

```
<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Header/>
  <o:Security s:mustUnderstand="1" xmlns:o="http://docs.oasis-open.org/wss/2004/01/oasis-2004-01-wss-soap-message-security-1.0">
    <u:Timestamp u:Id="_0">
      <u:Created>2016-02-18T01:50:17.665Z</u:Created>
      <u:Expires>2016-02-18T01:55:17.665Z</u:Expires>
    </u:Timestamp>
  </o:Security>
</s:Header>
<s:Body>
  <ValidateCredentialsResponse xmlns="http://crimerecords.dps.texas.gov/SecureSite/ClearinghouseWs/1/ApplicantService" >
    <ValidateCredentialsResult>true</ValidateCredentialsResult>
  </ValidateCredentialsResponse>
</s:Body>
</s:Envelope>
```

1

2

3

## Appendix B – Using the WS Client

### STEP 0 – Confirm User Name

1. Confirm you can connect to the WS by entering your User Name and Password, then clicking Login
2. You should see a response that does not indicate an error.

The screenshot shows the 'Clearinghouse Web Service Interface' window. At the top, there are tabs for 'Worklists', 'Record', and 'Applicant'. The 'Worklists' tab is active, showing a 'Worklist Window' and a sequence of buttons: '(1) Load Agency Worklist Summary', '(2) Display Selected Worklist Detail', and '(3) Display Selected Applicant Record'. To the right of the 'Worklist Window' is a 'Login' section with 'User Name' and 'Password' input fields and a 'Login' button. A blue box with the number '1' is positioned over the 'Login' button. Below the 'Login' section is a 'Status' area displaying a log of events: '[9:17:18 AM] [ValidateCredentials] Starting', '[9:17:18 AM] [ValidateCredentials] Response Updated', and four more instances of '[9:17:18 AM] [ValidateCredentials] Response Updated'. At the bottom of the window, there are 'Response' and 'Other' tabs. The 'Response' tab is active, showing a message: 'INFO: https://crimerecords.dps.texas.gov/SecureSite/ClearinghouseWs/1/ApplicantService.svc?singleWsdll', 'INFO: SERVER:DPSWEB1', 'INFO: TESTMODE:False', 'Validated=True', and 'Completed - Click Button #1 to continue.'. A blue box with the number '2' is positioned over the 'Completed' line of the response message.

## STEP 1 – View Worklist Summary

1. Confirm you have the User Name/Password inputs populated
2. Click Button (1) to load the worklist summary
3. Review the worklist information.
4. Select a worklist before continuing to STEP2

The screenshot displays the 'Clearinghouse Web Service Interface' with the following components:

- Worklists** (Record, Applicant) tabs.
- Login** section: User Name and Password fields, a 'Login' button, and a blue callout '1' pointing to the Password field.
- Worklist Window**: A table listing worklist entries with their counts. A blue callout '4' points to the 'Count' column, and a blue callout '3' points to a specific entry.
- Navigation**: Three buttons: (1) Load Agency Worklist Summary, (2) Display Selected Worklist Detail, and (3) Display Selected Applicant Record. A blue callout '2' points to button (1).
- Status** section: A green box containing a log of events: [9:14:45 AM] [LoadWorklistSummary] Starting, [9:15:00 AM] [LoadWorklistSummary] Response Updated, and [9:15:00 AM] [LoadWorklistSummary] Completed.
- Response** section: A text area containing the message: 'Completed - Select an entry from the Worklist Window and click Button #2.'

## STEP 2 – View Worklist Detail

1. Complete STEP1
2. Click Button (2) to display details of the worklist selected in STEP1
3. Select an applicant before continuing to STEP3

The screenshot displays the 'Clearinghouse Web Service Interface' window. It features three main sections: a 'Worklists' section on the left, a 'Login' section on the top right, and a 'Status' section on the bottom right. The 'Worklists' section includes a 'Worklist Window' with a table of records and a navigation bar with three buttons: '(1) Load Agency Worklist Summary', '(2) Display Selected Worklist Detail', and '(3) Display Selected Applicant Record'. The second button is highlighted with a blue square containing the number '2'. The 'Login' section has fields for 'User Name' (containing 'spaulsen') and 'Password' (masked with dots), and a 'Login' button. The 'Status' section shows a green background with log messages: '[9:23:38 AM] [LoadWorklistDetail] Starting', '[9:23:38 AM] [LoadWorklistDetail] Worklist Detail for:', '[9:23:38 AM] [LoadWorklistDetail] ORI: 'TX00000HR'', '[9:23:38 AM] [LoadWorklistDetail] WRK: 'NEW\_NOHIT'', and '[9:23:39 AM] [LoadWorklistDetail] Response Updated'. A blue square with the number '3' is positioned over the second row of the worklist table. At the bottom, a 'Response' section shows the text: 'Completed - Select an entry from the Worklist Window and click Button #3.'

Clearinghouse Web Service Interface

Worklists Record Applicant

Worklist Window

ORI:TX00000HR SID:14522381	CCH:NOHIT	FBI:NOHIT	SOR:NC
ORI:TX00000HR SID:16044223	CCH:NOHIT	FBI:NOHIT	SOR:NC
ORI:TX00000HR SID:16043923	CCH:NOHIT	FBI:NOHIT	SOR:NC
ORI:TX00000HR SID:13248766	CCH:NOHIT	FBI:NOHIT	SOR:NC
ORI:TX00000HR SID:14503981	CCH:NOHIT	FBI:NOHIT	SOR:NC
ORI:TX00000HR SID:16044034	CCH:NOHIT	FBI:NOHIT	SOR:NC
ORI:TX00000HR SID:16043715	CCH:NOHIT	FBI:NOHIT	SOR:NC
ORI:TX00000HR SID:16043693	CCH:NOHIT	FBI:NOHIT	SOR:NC
ORI:TX00000HR SID:14549818	CCH:NOHIT	FBI:NOHIT	SOR:NC
ORI:TX00000HR SID:16044801	CCH:NOHIT	FBI:NOHIT	SOR:NC
ORI:TX00000HR SID:11254722	CCH:NOHIT	FBI:REJECT	SOR:NC

(1) Load Agency Worklist Summary -> (2) Display Selected Worklist Detail -> (3) Display Selected Applicant Record

Login

User Name spaulsen

Password

Login

Status

[9:23:38 AM] [LoadWorklistDetail] Starting  
[9:23:38 AM] [LoadWorklistDetail] Worklist Detail for:  
[9:23:38 AM] [LoadWorklistDetail] ORI: 'TX00000HR'  
[9:23:38 AM] [LoadWorklistDetail] WRK: 'NEW\_NOHIT'  
[9:23:39 AM] [LoadWorklistDetail] Response Updated

Response Other

Completed - Select an entry from the Worklist Window and click Button #3.

## STEP 3 – View Applicant Record

1. Confirm you have completed STEP 1 and STEP 2
2. Click Button (3) to display the selected applicant record
3. Review the XML response.

TIP: You will want to use an XML editor to format/view the XML. You can save the response to a local file and name it with an extension of .XML. You can then view the file in your web browser.

The screenshot shows the 'Clearinghouse Web Service Interface' with three tabs: 'Worklists', 'Record', and 'Applicant'. The 'Applicant' tab is active. On the right, there is a 'Login' section with fields for 'User Name' (containing 'spaulben') and 'Password' (masked with dots), and a 'Login' button. Below the login form is a 'Status' section with a green background, displaying a log of events: [9:27:18 AM] [GetRecord] Starting, [9:27:19 AM] [GetRecord] Response Updated, and [9:27:19 AM] [GetRecord] Loaded Applicant: '1904221 POPULATION LEE'. At the bottom of the interface, there are three buttons: '(1) Load Agency Worklist Summary', '(2) Display Selected Worklist Detail', and '(3) Display Selected Applicant Record'. A blue circle with the number '2' is overlaid on the third button. Below the buttons is a 'Response' tab, which is active, showing a large XML document. A blue circle with the number '3' is overlaid on the XML text. The XML content includes various fields such as 'ExtensionData', 'ApplicantRecord', 'ApplicantSubmissions', and 'ResponseData', with values like '1904221', 'POPULATION LEE', and '1904221'.