



Standard XML Objects

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Goals:

The goal for creating standards is to allow multiple parties to understand what each other are saying. The usage of XML as the base data format for the PawSource standards creates the foundation of understanding between applications.

XML is a good data format because of its flexibility in what it can represent, ease of parsing and expandability while maintaining compatibility with prior versions.

The goals for PawSource are to create a base set of objects that provide :

- x Request information from an application.
- x Result information from a specific request.
- x Status information about the completion of a specific request.

Upon these basic objects are the operations that are supported. These basic operational types are:

- Searching for businesses, services and information.
- Asking for a specific business operation.

The search processes are more for information contained in the UDDI repository (think yellow pages), where as the business operations are directed to a specific business (via a Webservice call). Components for these types of operations will be provided by PawSource.org in the form of higher level standards and the components that implement them. But we are getting ahead of our selves, for now we want to go over the base XML objects and how they are used.

Conventions:

The top most object in the XML is the PawSource object which defines a document as belonging to the PawSource.org standard. The version attribute define which version of the specification the document supports.

Many objects contain a "type" attribute that contains a value. These types define a specific operations, type, condition, etc. depending on the object that contains it. We decided to use the type attribute for these general values. Many times you will see an object using a type attribute but also containing text as to what the type represents. The text is only for human understanding and the type attribute is what takes precedence and is used in processing.

Requests, Responses and Status Objects:

The request, response and status XML objects are known as transaction objects that define what the XML buffer is form and how it worked. By themselves they do not contain any business related information but only information about the what is requested and returned.

There two different trains of thought on how a request should be made and these are:

- The request and response object contains all of the request business information.
- The request object does not contain any business information.

The method that we have chosen is that the request and response objects do not contain any business information. This method does not allow to batch multiple requests in a single XML document, but it is much easier to implement, processes and understand.

Note that the business object <Info> is not contained in the <Request> object.

The request and response objects contain information about the request, such as the type of request, how much information can be returned and the status of the response, if it was successful or not and why. Lets go over the these transaction objects now.

<Request>

The request object contains the type of request it is, the maximum amount of records it can expect in the response and the current start record number.

```
<PawSource version="0.10">
  <Request type="1">
    <MaxRecords>25</MaxRecords>
    <StartRecords>0</StartRecords>
  </Request>
  <Info>
    <Business type="400"/>
    <Name/>
    <Description/>
    <URL/>
    <EndPoint/>
    <Location>
      <State type="47">UT</State>
    </Location>
  </Info>
</PawSource>
```

The request types are:

- ✕1 - Search : Search for matching objects
- ✕10 - Service : Request a specific service operation based on the objects passed.

The <MaxRecords> and <StartRecords> are for working with returned data sets that can be paged. If the number of records returned are too great from a search request, the results can be paged by defined a fixed number of records to return and then re-requesting the information with a new <StartRecord> value.

```
<Request type="1">
  <MaxRecords>25</MaxRecords>
  <StartRecords>0</StartRecords>
</Request>
```

<Response>

The response object contains the status of the request along with the number of records returned out of a total possible amount of records that could have been returned. The status object is defined next.

```

<PawSource version="0.50">
  <Name>PawSource</Name>
  <Response>
    <Records>0</Records>
    <TotalRecords>0</TotalRecords>
    <Status type="0"/>
  </Response>
  <Info/>
</PawSource>

```

<Status>

The status object is contained in the response object and defines the status of the requested operation. The code attribute in the status object defines the overall status of the request. The contained message objects can contain text messages that may be generated from different sections of code in trying to fulfill the requested operation, each with their own status.

```

<?xml version="1.0" encoding="UTF-8"?>
<PawSource version="0.50">
  <Name>PawSource</Name>
  <Response>
    <Records>1</Records>
    <TotalRecords>1</TotalRecords>
    <Status type="0">
      <Message type="0">
        <Text>Thank you for using PawSource.</Text>
      </Message>
    </Status>
  </Response>
  <Info/>
</PawSource>

```

The status types are:

- x 0 - Success : Success result or message.
- x 1 - Warning : Non-Fatal warning, for informational only.
- x 2 - Error : Fatal error that prevents processing.

```

<?xml version="1.0" encoding="UTF-8"?>

<PawSource version="0.50">
  <Name>PawSource</Name>
  <Response>
    <Records>1</Records>
    <TotalRecords>1</TotalRecords>
    <Status type="0">
      <Message type="0">
        <Text>Thank you for using PawSource.</Text>
      </Message>
    </Status>
  </Response>
  <Info>
    <Name>PawSource.org</Name>
    <Description>Open Source standards and implementations for the Pet industry.</
Description>
    <SiteURL>www.pawsource.org</SiteURL>
    <ImageURL>www.pawsource.org/images/pawsource.png</ImageURL>
    <Location>
      <Address1>Park City</Address1>
      <State type="2">Utah</State>
      <Country type="1">United States</Country>
      <Zip>84060</Zip>
      <Zip4>84060</Zip4>
      <Phone type="2">
        <Area>435</Area>
        <Number>645-7788</Number>
      </Phone>
      <Email type="1">
        <Contact>Todd Blackley</Contact>
        <Address>todd.blackley@gmail.com</Address>
      </Email>
    </Location>
    <Service type="16000">
      <EndPointURL>www.pawsource.org/registry</EndPointURL>
      <Name>PawSource.org</Name>
      <Desc>Open Source Standards and implementations for the Pet industry.</
Desc>
    </Service>
  </Info>
</Info>
  ...
</Info>

```

Note that the business object <Info> is not contained in the <Response> object.

The above example shows how the response can contain multiple <Info> objects that match the request. The <Info> Object is the top level object that contains all other object types that pertain to a specific business / endpoint. The EndPoint element is used as a unique ID for each business. An EndPoint is defined as an SOA callable URL entry point. It's this URL entry point that is registered for this business in the SOA UDDI registry.

Object Hierarchy:

The Object hierarchy is defined as below. Note that some objects are used in multiple locations based on the context that is needed. For example, a business may provide multiple services, each with their own hours of operation. Another is making an appointment for a specific pet that is separate from pets that a shelter may current have.

Business Objects:

These business object contain information about a pet business, the services they offer and operations that are supported. These objects are used in search requests and provide the caller with a good understanding of the operations. The pet object is include in this section because it is often used in business requests.

```
<Info>
  <Business type="0"/> // There may be multiple types for businesses.
  <Organization type="0"/> // There may be multiple types for organizations.
  <Name/>
  <Description/>
  <SiteURL>www.pawsource.org</SiteURL>
  <ImageURL type="PNG">www.pawsource.org/images/pawsource.png</ImageURL>
</Info>
```

The business types are:

- x 0 – None.
- x 1 – Grooming.
- x 2 – Day care.
- x 3 – Boarding.
- x 4 – House Sitting.
- x 5 – Walking.
- x 6 – Training.
- x 100 – Retail Food.
- x 101 – Retail - Supplies
- x 102 – Retail – Pets
- x 103 – Retail – Vet supplies
- x 104 – Retail – Kennel supplies
- x 105 – Retail – Groomer supplies
- x ...
- x 200 – Wholesale - Food
- x 201 – Wholesale - Supplies
- x 202 – Wholesale – Pets
- x 203 – Wholesale – Vet supplies
- x 204 – Wholesale – Kennel supplies
- x 205 – Wholesale – Groomer supplies
- x ...
- x 300 – Health care - Insurance.
- x 301 – Health care - Vet
- x 302 – Health care – Cremation / Cemetery.
- x ...
- x 400 – Pet Software – Web.
- x ...
- x 32000 – Other / Unknown.

The organization types are:

- x 0 - None.
- x 1 – Shelter / Rescue
- x 2 – Association / Club
- x ...
- x 32000 – Other / Unknown.

Location:

```
<Location>
  <Address1>123 Elm Street</Address1>
  <Address2/>
  <City>Park City</City>
  <State type="47">UT</State>
  <Zip>84060</Zip>
  <Zip4/>
  <Phone type="0">
    <Area>435</Area>
    <Number>645-1234</Number>
    <Ext>115</Ext>
  </Phone>
  <Email type="2">
    <Contact>Todd Blackley</Contact>
    <Address>tblackley@pawsources.org</address>
  </Email>
  <SiteURL/>
  <ImageURL type="PNG"/>
</Location>
```

The phone types are:

- x 0 – None / Unknown.
- x 1 – Business.
- x 2 – Home.
- x 3 – Cell
- x 4 – Fax

The email types are:

- x 0 – None / Unknown.
- x 1 – Business.
- x 2 – Personal.

The image types are:

- x PNG - (Portable Network Graphics).
- x GIF
- x JPG
- x TXT – Plain text
- x PDF – PDF document
- x XFDF – Form fields for PDF document
- x HTML – HTML document (embeddable)

Hours:

```
<Hours timeZone="MST">
  <WeekOfDate>2005-11-03</WeekOfDate>
  <Sun type="2" open="09:00" close="22:00"/>
  <Mon type="1" open="09:00" close="22:00"/>
  <Tue type="1" open="09:00" close="22:00"/>
  <Wed type="1" open="09:00" close="22:00"/>
  <Thu type="1" open="09:00" close="22:00"/>
  <Fri type="1" open="09:00" close="22:00"/>
  <Sat type="1" open="09:00" close="22:00"/>
</Hours>
```

The Hours timeZone types are:

- x PST - Pacific standard time.
- x MST – Mountain standard time.
- x CST – Central standard time.
- x EST – Eastern standard time
- x GMT

The day of week types are:

- x 0 – unknown.
- x 1 – Normal times
- x 2 – Special / Holiday hours.

The times are the normal business operating times but can be flagged as special or holiday hours for the specified week based on the WeekOfDate date.

Pets:

```
<Pet>
  <Species type="1"/>
  <Breed type="1"/> // Multiples allowed
  <MixedBreed type="1"/>
  <Color type="7"/> // Multiples allowed
  <Size type="2"/>
  <Sex type="1"/>
  <Birthdate>2002-01-02</Birthdate>
  <Age>6</Age>
  <Neutered type="1"/>
  <Age/>
  <Name>Boo</Name>
  <Behavior>
    <Bites type="0"/>
    <Scratches type="0"/>
    <HouseBroken type="1"/>
    <Barks type="0"/>
    <Fights type="0"/>
    <OkWithKids type="1"/>
    <OkWithCats type="1"/>
    <OkWithDogs type="1"/>
    <Notes/>
  </Behavior>
  <Medical>
    <Condition type="0"/> // Multiples allowed
    <Notes/>
  </Medical>
  <Chipped>
    <Company type="1"/>
    <Id>143256</Id>
  </Chipped>

  <ImageURL type="PNG">www.pawsource.org/images/boo.png</ImageURL>
</Pet>
```

The

Species types are:

- x 0 – unknown.
- x 1 – Dog
- x 2 – Cat
- x ...

The Breed types are:

- x 0 – unknown.
- x TBD
- x ...

The Color types are:

- x 0 – unknown.
- x 1 – Black
- x 2 – Grey
- x 3 – White
- x 4 – Tan
- x 5 – Spots
- x 6 – Red
- x 7 – Brown

x ...

The Size types are:

- x 0 – Unknown
- x 1 – XS (0-10 lbs)
- x 2 – S (11-20 lbs)
- x 3 – M (21-30 lbs)
- x 4 – L (31-50 lbs)
- x 5 – XL (51-75 lbs)
- x 6 – XXL (76+ lbs)

The Sex types are:

- x 0 – Unknown.
- x 1 – Male
- x 2 – Female

The Neutered types are:

- x 0 – No.
- x 1 – Yes

The Behavior types are:

- x 0 – No.
- x 1 – Yes

The Medical Condition types are:

- x 0 – Unknown.
- x 1 – Rx Required
- x 2 – Mobility impaired.
- x 3 – Hearing impaired
- x 4 – Seeing impaired
- x 5 – Eating impaired
- x 6 – HouseBroken impaired
- x 7 – Has cancer.
- x 8 – Recovering from operation.
- x 9 – Pregnant.
- x 10 – Old age.
- x ...

The Chipped types are:

- x 0 – unknown.
- x 1 –
- x 2 –
- x ...

Gallery:

```
<Gallery>
  <Pet>
    ...
  </Pet>
  <Pet>
    ...
  </Pet>
</Gallery>
```

The Gallery is a container for items such as pets. In most cases a gallery will be used to return pet objects from a pet search.

Service Objects:

These business object contain information about a pet business, the services they offer and operations that are supported. These objects are used in search requests and provide the caller with a good understanding of the operations.

Services:

```
<Services/>
```

The Service types are:

- x 0 – Unknown.
- x 1 – Appointments.
- x 2 – Galleries.
- x 3 – Products.
- x 4 – Memberships.
- x 5 – Register (Single Sign On).
- x ...

The Service automation types are:

- x 0 – Unknown.
- x 1 – Informational only (I).
- x 2 – Query only (Q).
- x 3 – Query and Reserve (QR).
- x 4 – Query, Reserver and Purchase (QRP).
- x 5 – QRP and Single Sign On (SSO).
- x ...

Insurance Objects:

Insurance business object contain two type of information. There is the input values required for a quote and the result information that contains the types of coverage, riders and the premiums. These objects are used in conjunction with the Info, Location and Pet objects for the pet information part of the quote.

Any number of pets may be submitted for a quote, as there may be multiple pet discounts that apply.

```

<PawSource version="0.50">
  <Name>PawSource</Name>
  <Request type="1">
    <StartRecord>0</StartRecord>
    <MaxRecords>10</MaxRecords>
  </Request>
  <Info>
    <Location>
      <State type="2">Utah</State>
    </Location>
    <Service type="3"/>
    <Gallery>
      <Pet>
        <Breed1>Sheltie</Breed1>
        <Size type="1">S (11-20 LBS)</Size>
        <Sex type="1">Female</Sex>
        <Age>8</Age>
        <Medical>
          <Condition type="0">None</Condition>
        </Medical>
      </Pet>
    </Gallery>
  </Info>
</PawSource>

```

There is a <Plans> object that is returned on searches for the types of plans that a specific insurer provides. Each plan may contain a number of coverage's (base and riders) that each plan offers. Each coverage may offer a fixed premium or sliding premium based on the pet information underwriting.

The Coverage types are:

- x 0 – unknown.
- x 1 – Base coverage
- x 2 – Rider
- x ...

There is a method for sending attachments of all types. The <Attachment> object is used to send a URL reference with a quote response by using the <ImageURL> object. This object is used when ever an image, document or any type of attachment needs to be sent, without embedding the actual document. The receiver of the response would make a call to the URL to retrieve the actual document. This is the “Pull” method of attachments where the receiver needs to pull the document from a server. The advantage of this method is bandwidth is only used when needed. The URL need not be an actual file location but can be a web page / service that uses the URL and it's parameters to retrieve the document from a database (or any source) and stream it back to the caller with the correct mime type.

```

<Attachment>
  <Description>PDF for this specific Pet</Description>
  <ImageURL type="PDF">www.petcare.com/pdfs/quote&35467.pdf</ImageURL>
</Attachment>

```

The ImageURL types are:

- x PDF – PDF document.
- x DOC – Word document.

- x HTML – HTML page.
- x PNG – PNG image.
- x GIF – GIF images.
- x GPF – GPF image.
- x ...

If the reference URL no longer contains the document, then a document of the requested type could be returned that contains a message that the requested image is no longer available.

Product Objects:

These business object contain information about a pet business, the services they offer and operations that are supported. These objects are used in search requests and provide the caller with a good understanding of the operations.

Products:

```
<Products/>
TBD
```

Shelter / Rescue Objects:

These business object contain information about a pet business, the services they offer and operations that are supported. These objects are used in search requests and provide the caller with a good understanding of the operations.

Shelters / Rescues:

```
<Gallery>
  <Pet>
    <Id>Internal PetId_0</Id>
    <Breed1>Sheltie</Breed1>
    <Size type="1">S (11-20 LBS)</Size>
    <Sex type="1">Female</Sex>
    <Age>0</Age>
    <Name>The pets name goes here</Name>
    <Behavior>
      <Bites type="0">False</Bites>
      <HouseBroken type="1">True</HouseBroken>
      <Barks type="0">False</Barks>
      <OkWithKids type="0">False</OkWithKids>
      <OkWithDogs type="1">True</OkWithDogs>
      <OkWithCats type="1">True</OkWithCats>
    </Behavior>
    <Medical>
      <Condition type="2">Rx Required</Condition>
      <Notes>only mild condition, otherwise in great shape.</Notes>
    </Medical>
  </Pet>
  <Pet>
  ...
  </Pet>
</Gallery>
```

Attachment Objects:

Attachment objects are for the caller to access documents and images. Examples of documents can be PDF and other documents. Examples of images can be for pet pictures in shelters.

Attachments:

```
<Quote>  
  <Attachment type="6">  
    <ImageURL type="PDF">www.petinsurance.com/forms/apply.pdf</ImageURL>  
    <Desc>Attachment of PDF form.</Desc>  
  </Attachment>  
</Quote>
```

Specific Service Operation Objects:

These business object contain information about a pet business, the services they offer and operations that are supported. These objects are used in search requests and provide the caller with a good understanding of the operations.

```

<Services>
  <Appointments>
    <Avail>
      <Date>2005-11-03</Date>
      <Time>11:30p</Time>
      <StartDate>2005-11-03</StartDate>
      <EndDate>2005-12-01</EndDate>
      <StartTime>11:30a</StartTime>
      <EndTime>04:00p</EndTime>
      <Length>00:30</Length>
      <Quantity>2</Quantity>
    </Avail>
    <Pet>
      <Species type="-1"/>
      <Breed type="-1"/>
      <Color type="-1"/>
      <Size type="-1"/>
      <Sex type="-1"/>
      <Age/>
      <Fixed type="-1"/>
      <Age/>
    </Pet>
  </Appointments>

  <Gallery>
    <Pet>
      <Species type="-1"/>
      <Breed type="-1"/>
      <Color type="-1"/>
      <Size type="-1"/>
      <Sex type="-1"/>
      <Age/>
      <Fixed type="-1"/>
      <Age/>
    </Pet>
  </Gallery>

```

Sample Search Request:

```

<?xml version="1.0" encoding="UTF-8"?>
<PawSource version="0.50">
  <Name>PawSource</Name>
  <Request type="0">
    <StartRecord>0</StartRecord>
    <MaxRecords>10</MaxRecords>
  </Request>
  <Info>
    <Service type="16000"/>
  </Info>
</PawSource>

```

Sample Search Response:

```

<?xml version="1.0" encoding="UTF-8"?>

```

```

<PawSource version="0.50">
  <Name>PawSource</Name>
  <Response>
    <Records>1</Records>
    <TotalRecords>1</TotalRecords>
    <Status type="0">
      <Message type="0">
        <Text>Thank you for using PawSource.</Text>
      </Message>
    </Status>
  </Response>
  <Info>
    <Name>PawSource.org</Name>
    <Description>Open Source standards and implementations for the Pet industry.</
Description>
    <SiteURL>www.pawsource.org</SiteURL>
    <ImageURL>www.pawsource.org/images/pawsource.png</ImageURL>
    <Location>
      <Address1>Park City</Address1>
      <State type="2">Utah</State>
      <Country type="1">United States</Country>
      <Zip>84060</Zip>
      <Zip4>84060</Zip4>
      <Phone type="2">
        <Area>435</Area>
        <Number>645-7788</Number>
      </Phone>
      <Email type="1">
        <Contact>Todd Blackley</Contact>
        <Address>todd.blackley@gmail.com</Address>
      </Email>
    </Location>
    <Service type="16000">
      <EndPointURL>www.pawsource.org/registry</EndPointURL>
      <Name>PawSource.org</Name>
      <Desc>Open Source Standards and implementations for the Pet industry.</Desc>
    </Service>
  </Info>
</PawSource>

```

Sample Gallery Request:

```

<?xml version="1.0" encoding="UTF-8"?>
<PawSource version="0.50">
  <Name>PawSource</Name>
  <Request type="1">
    <StartRecord>0</StartRecord>
    <MaxRecords>10</MaxRecords>
  </Request>
  <Info>
    <Location>
      <State type="2">Utah</State>
    </Location>
    <Service type="1"/>
    <Gallery>
      <Pet>
        <Breed1>Sheltie</Breed1>
        <Size type="1">S (11-20 LBS)</Size>
        <Sex type="1">Female</Sex>
        <Behavior>
          <Bites type="0">False</Bites>
          <HouseBroken type="1">True</HouseBroken>
          <Barks type="0">False</Barks>
          <OkWithDogs type="1">True</OkWithDogs>
        </Behavior>
      </Pet>
    </Gallery>
  </Info>
</PawSource>

```

```

    </Pet>
  </Gallery>
</Info>
</PawSource>

```

Sample Gallery Response:

```

<?xml version="1.0" encoding="UTF-8"?>

<PawSource version="0.50">
  <Name>PawSource</Name>
  <Response>
    <Records>10</Records>
    <TotalRecords>10</TotalRecords>
    <Status type="0">
      <Message type="0">
        <Text>Thank you for using PetRescue.</Text>
      </Message>
    </Status>
  </Response>
  <Info>
    <Name>Pet Rescue</Name>
    <SiteURL>www.petrescue.org</SiteURL>
    <ImageURL>www.petrescue.org/images/petrescue.png</ImageURL>
    <Location>
      <Address1>Any Town</Address1>
      <State type="2">Utah</State>
      <Country type="1">United States</Country>
      <Zip>84060</Zip>
      <Zip4>84060</Zip4>
      <Phone type="2">
        <Area>123</Area>
        <Number>456-7890</Number>
      </Phone>
      <Email type="1">
        <Contact>ourname</Contact>
        <Address>ourname@petrescue.org</Address>
      </Email>
    </Location>
    <Service type="1">
      <EndPointURL>www.petrescue.org/gallery</EndPointURL>
      <Name>PetRescue.org</Name>
      <Desc>Pet Rescue pet gallery.</Desc>
    </Service>
    <Gallery>
      <Pet>
        <Id>Internal PetId_0</Id>
        <Breed1>Sheltie</Breed1>
        <Size type="1">S (11-20 LBS)</Size>
        <Sex type="1">Female</Sex>
        <Age>0</Age>
        <Name>The pets name goes here</Name>
        <Behavior>
          <Bites type="0">False</Bites>
          <HouseBroken type="1">True</HouseBroken>
          <Barks type="0">False</Barks>
          <OkWithKids type="0">False</OkWithKids>
          <OkWithDogs type="1">True</OkWithDogs>
          <OkWithCats type="1">True</OkWithCats>
        </Behavior>
        <Medical>
          <Condition type="2">Rx Required</Condition>
          <Notes>only mild condition, otherwise in great shape.</Notes>
        </Medical>
      </Pet>
      <Pet>
        <Id>Internal PetId_1</Id>

```

```

<Breed1>Sheltie</Breed1>
<Size type="1">S (11-20 LBS)</Size>
<Sex type="1">Female</Sex>
<Age>1</Age>
<Name>The pets name goes here</Name>
<Behavior>
  <Bites type="0">False</Bites>
  <HouseBroken type="1">True</HouseBroken>
  <Barks type="0">False</Barks>
  <OkWithKids type="0">False</OkWithKids>
  <OkWithDogs type="1">True</OkWithDogs>
  <OkWithCats type="1">True</OkWithCats>
</Behavior>
<Medical>
  <Condition type="2">Rx Required</Condition>
  <Notes>only mild condition, otherwise in great shape.</Notes>
</Medical>
</Pet>
<Pet>
  <Id>Internal PetId_2</Id>
  <Breed1>Sheltie</Breed1>
  <Size type="1">S (11-20 LBS)</Size>
  <Sex type="1">Female</Sex>
  <Age>2</Age>
  <Name>The pets name goes here</Name>
  <Behavior>
    <Bites type="0">False</Bites>
    <HouseBroken type="1">True</HouseBroken>
    <Barks type="0">False</Barks>
    <OkWithKids type="0">False</OkWithKids>
    <OkWithDogs type="1">True</OkWithDogs>
    <OkWithCats type="1">True</OkWithCats>
  </Behavior>
  <Medical>
    <Condition type="2">Rx Required</Condition>
    <Notes>only mild condition, otherwise in great shape.</Notes>
  </Medical>
</Pet>
<Pet>
  <Id>Internal PetId_3</Id>
  <Breed1>Sheltie</Breed1>
  <Size type="1">S (11-20 LBS)</Size>
  <Sex type="1">Female</Sex>
  <Age>3</Age>
  <Name>The pets name goes here</Name>
  <Behavior>
    <Bites type="0">False</Bites>
    <HouseBroken type="1">True</HouseBroken>
    <Barks type="0">False</Barks>
    <OkWithKids type="0">False</OkWithKids>
    <OkWithDogs type="1">True</OkWithDogs>
    <OkWithCats type="1">True</OkWithCats>
  </Behavior>
  <Medical>
    <Condition type="2">Rx Required</Condition>
    <Notes>only mild condition, otherwise in great shape.</Notes>
  </Medical>
</Pet>
<Pet>
  <Id>Internal PetId_4</Id>
  <Breed1>Sheltie</Breed1>
  <Size type="1">S (11-20 LBS)</Size>
  <Sex type="1">Female</Sex>
  <Age>4</Age>
  <Name>The pets name goes here</Name>
  <Behavior>
    <Bites type="0">False</Bites>
    <HouseBroken type="1">True</HouseBroken>

```

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        <Barks type="0">False</Barks>
        <OkWithKids type="0">False</OkWithKids>
        <OkWithDogs type="1">True</OkWithDogs>
        <OkWithCats type="1">True</OkWithCats>
    </Behavior>
    <Medical>
        <Condition type="2">Rx Required</Condition>
        <Notes>only mild condition, otherwise in great shape.</Notes>
    </Medical>
</Pet>
<Pet>
    <Id>Internal PetId_5</Id>
    <Breed1>Sheltie</Breed1>
    <Size type="1">S (11-20 LBS)</Size>
    <Sex type="1">Female</Sex>
    <Age>5</Age>
    <Name>The pets name goes here</Name>
    <Behavior>
        <Bites type="0">False</Bites>
        <HouseBroken type="1">True</HouseBroken>
        <Barks type="0">False</Barks>
        <OkWithKids type="0">False</OkWithKids>
        <OkWithDogs type="1">True</OkWithDogs>
        <OkWithCats type="1">True</OkWithCats>
    </Behavior>
    <Medical>
        <Condition type="2">Rx Required</Condition>
        <Notes>only mild condition, otherwise in great shape.</Notes>
    </Medical>
</Pet>
<Pet>
    <Id>Internal PetId_6</Id>
    <Breed1>Sheltie</Breed1>
    <Size type="1">S (11-20 LBS)</Size>
    <Sex type="1">Female</Sex>
    <Age>6</Age>
    <Name>The pets name goes here</Name>
    <Behavior>
        <Bites type="0">False</Bites>
        <HouseBroken type="1">True</HouseBroken>
        <Barks type="0">False</Barks>
        <OkWithKids type="0">False</OkWithKids>
        <OkWithDogs type="1">True</OkWithDogs>
        <OkWithCats type="1">True</OkWithCats>
    </Behavior>
    <Medical>
        <Condition type="2">Rx Required</Condition>
        <Notes>only mild condition, otherwise in great shape.</Notes>
    </Medical>
</Pet>
<Pet>
    <Id>Internal PetId_7</Id>
    <Breed1>Sheltie</Breed1>
    <Size type="1">S (11-20 LBS)</Size>
    <Sex type="1">Female</Sex>
    <Age>7</Age>
    <Name>The pets name goes here</Name>
    <Behavior>
        <Bites type="0">False</Bites>
        <HouseBroken type="1">True</HouseBroken>
        <Barks type="0">False</Barks>
        <OkWithKids type="0">False</OkWithKids>
        <OkWithDogs type="1">True</OkWithDogs>
        <OkWithCats type="1">True</OkWithCats>
    </Behavior>
    <Medical>
        <Condition type="2">Rx Required</Condition>
        <Notes>only mild condition, otherwise in great shape.</Notes>
    </Medical>
</Pet>

```

```

        </Medical>
    </Pet>
    <Pet>
        <Id>Internal PetId_8</Id>
        <Breed1>Sheltie</Breed1>
        <Size type="1">S (11-20 LBS)</Size>
        <Sex type="1">Female</Sex>
        <Age>8</Age>
        <Name>The pets name goes here</Name>
        <Behavior>
            <Bites type="0">False</Bites>
            <HouseBroken type="1">True</HouseBroken>
            <Barks type="0">False</Barks>
            <OkWithKids type="0">False</OkWithKids>
            <OkWithDogs type="1">True</OkWithDogs>
            <OkWithCats type="1">True</OkWithCats>
        </Behavior>
        <Medical>
            <Condition type="2">Rx Required</Condition>
            <Notes>only mild condition, otherwise in great shape.</Notes>
        </Medical>
    </Pet>
    <Pet>
        <Id>Internal PetId_9</Id>
        <Breed1>Sheltie</Breed1>
        <Size type="1">S (11-20 LBS)</Size>
        <Sex type="1">Female</Sex>
        <Age>9</Age>
        <Name>The pets name goes here</Name>
        <Behavior>
            <Bites type="0">False</Bites>
            <HouseBroken type="1">True</HouseBroken>
            <Barks type="0">False</Barks>
            <OkWithKids type="0">False</OkWithKids>
            <OkWithDogs type="1">True</OkWithDogs>
            <OkWithCats type="1">True</OkWithCats>
        </Behavior>
        <Medical>
            <Condition type="2">Rx Required</Condition>
            <Notes>only mild condition, otherwise in great shape.</Notes>
        </Medical>
    </Pet>
</Gallery>
</Info>
</PawSource>

```

Sample Quote Request:

```

<?xml version="1.0" encoding="UTF-8"?>
<PawSource version="0.50">
    <Name>PawSource</Name>
    <Request type="1">
        <StartRecord>0</StartRecord>
        <MaxRecords>10</MaxRecords>
    </Request>
    <Info>
        <Location>
            <State type="2">Utah</State>
        </Location>
        <Service type="3"/>
        <Gallery>
            <Pet>
                <Breed1>Sheltie</Breed1>
                <Size type="1">S (11-20 LBS)</Size>
                <Sex type="1">Female</Sex>
                <Age>8</Age>
            </Pet>
        </Gallery>
    </Info>
</PawSource>

```

```

        <Medical>
          <Condition type="0">None</Condition>
        </Medical>
      </Pet>
    </Gallery>
  </Info>
</PawSource>

```

Sample Quote Response:

```

<?xml version="1.0" encoding="UTF-8"?>

<PawSource version="0.50">
  <Name>PawSource</Name>
  <Response>
    <Records>1</Records>
    <TotalRecords>1</TotalRecords>
    <Status type="0">
      <Message type="0">
        <Text>Thank you for using PetInsurance.</Text>
      </Message>
    </Status>
  </Response>
  <Info>
    <Name>Pet Insurance</Name>
    <SiteURL>www.petinsurance.com</SiteURL>
    <ImageURL>www.petinsurance.com/images/quote.png</ImageURL>
    <Location>
      <Address1>Any Town</Address1>
      <State type="2">Utah</State>
      <Country type="1">United States</Country>
      <Zip>84060</Zip>
      <Zip4>84060</Zip4>
      <Phone type="2">
        <Area>123</Area>
        <Number>456-7890</Number>
      </Phone>
      <Email type="1">
        <Contact>ourname</Contact>
        <Address>ourname@petinsurance.com</Address>
      </Email>
    </Location>
    <Quote>
      <Attachment type="6">
        <ImageURL type="PDF">www.petinsurance.com/forms/apply.pdf</ImageURL>
        <Desc>Attachment of PDF form.</Desc>
      </Attachment>
    <Pet>
      <Breed1>Sheltie</Breed1>
      <Size type="1">S (11-20 LBS)</Size>
      <Sex type="1">Female</Sex>
      <Age>8</Age>
      <Name>The pets name goes here</Name>
      <Medical>
        <Condition type="2">Rx Required</Condition>
        <Notes>only mild condition, otherwise in great shape.</Notes>
      </Medical>
    </Pet>
    <Policy>
      <Attachment type="6">
        <ImageURL type="PDF">www.petinsurance.com/forms/coverage.pdf</
ImageURL>
        <Desc>Attachment of PDF coverage / rider form.</Desc>
      </Attachment>
      <Attachment type="0">
        <Name>Premium Pet Care</Name>

```

<Notes>This quote is valid from 30 days from 01/01/2006. Please call us at 1-800-321-4455 for questions.</Notes>
<Desc>Basic Coverage</Desc>
<Modal type="0">Annual</Modal>
<ModalPremium>123.50</ModalPremium>
<AnnualPremium>123.50</AnnualPremium>
</Attachment>
</Policy>
</Quote>
</Info>
</PawSource>