

RETS 1.5 Server - Product Release Notice

Updated March 18, 2006

Notice Overview

This notice highlights the changes between Rapattoni Corporation's current RETS 1.01 server and the coming 1.5 version. We released our compliant RETS 1.5 server in first quarter 2005.

CHANGES IN RETS 1.5

Implementation of Client Authentication

We will be making it possible for our RETS 1.5 server to authenticate the Client Vendor application in addition to authorizing the user. This process is described in the RETS Change Proposal 36: Client Software Validation. (*Note: The RETS document may be obtained at <http://www.rets.org> and the RCP may be obtained at <http://www.rets.org/comments/rcp036.html>.)* As such, we may assign a Client Vendor's UserAgent header a unique Client-Password. Should we assign you a Client-Password we will notify you of this by e-mail. This authentication process may be implemented to allow for a higher level of security to be placed on access to our RETS server.

Implementation of New Resources

We will be implementing the following search types in addition to our already utilized search types:

- History
- OpenHouse
- Prospect
- Tour
- PropertyDeleted
- PropertyWithheld

The History, OpenHouse, Prospect and Tour search types are described in more detail in the RETS 1.5 specification in Section 7.1 on page 7-1. The PropertyDeleted and PropertyWithheld search types will be proprietary to Rapattoni Corporation. The PropertyDeleted ResourceId can be used to get data on listings that have been deleted while the PropertyWithheld ResourceId can be used to get data on listings that are not available for one reason or another in a Property ResourceId search.

Rigorous Query String Syntax

In accordance with the Query language BNF in Section 7.7.1 on page 7-7 we will be more rigorous in the methods in which we accept Queries. Query criteria that are a *field-value* of lookup-list will need to be formatted either like a *lookup-or*, *lookup-not*, or *lookup-and*. Query criteria that are a *field-value* of string-list or *string-literal* will need to be formatted either like a *string*, *string-eq*, *string-start*, *string-contains*, *string-char*, or *string-literal*. Query criteria that are a *field-value* of range-list will need to be formatted

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either like a *range-list*, or *range*. As noted in the Query language BNF, a *field-value* of period, or number will be treated like a *field-value* of range-list.

Implementation of Metadata-Foreign_Key

We will be implementing the use of Metadata-Foreign_Key. This Metadata is described in detail in the RETS 1.5 specification in Section 11.2.3 on page 11-8.

Elimination of Metadata-EditMask

We have decided to remove Metadata-EditMask from our next set of Metadata. As such, all the EditMaskIDs in Metadata-Table will be blank.

Session Management

We will be managing sessions using a *session-id* within a *cookie*. These fields are described in detail in the RETS 1.5 specification in Section 3.5 on page 3-3. A *session-id* will be returned only after a successful Login transaction has occurred.

Minimum Query Requirements

We will be implementing minimum query requirements for Search transactions that have a ResourceId of 'Property'. This means that within the Query Specification as seen in the RETS 1.5 specification in Section 7.3.2 on page 7-3 we will be requiring a minimum set of SystemName requirements in the query. Requests with queries that do not contain one of the SystemName requirements will be declined and a Reply Code of 20203 will be returned. The SystemName requirements are:

- APN and County
- MLNumber
- Approved and Status
- Area and Status
- Region and Status
- Area, Region and Status
- City and Status
- Longitude, Latitude and Status
- SearchPrice and Status
- StreetName and Status
- StreetNumber and Status
- StreetName, StreetNumber and Status
- SubdivisionNumber and Status
- ZipCode and Status

IMPORTANT: There will be situations when one or more of the sets will not be available on a given RETS server as the Metadata-Table makeup can differ from one MLS to another.

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Search Limits

We will be implementing search limits based on the number of fields specified to be returned and the time at which the Search transaction is submitted. The search limits matrix is noted in Table 1 and the time limits will be based on the MLS's local time.

Table 1

Minimum Columns	Maximum Columns	Start Time	End Time	Record Limit
1	4	8:00 AM	6:00 PM	1000000
1	4	6:01 PM	7:59 AM	1000000
5	15	8:00 AM	6:00 PM	2000
5	15	6:01 PM	7:59 AM	2000
16	30	8:00 AM	6:00 PM	1500
16	30	6:01 PM	7:59 AM	2000
31	50	8:00 AM	6:00 PM	500
31	50	6:01 PM	7:59 AM	2000
51	All	8:00 AM	6:00 PM	300
51	All	6:01 PM	7:59 AM	2000

Picture Limits

We will be implementing picture limits based on the time at which the GetObject transaction is submitted. Limits will be placed on the number of pictures allowed to be passed back based on the criteria of the query string. For GetObject transactions that exceed the specified limit a RETS-STATUS ReplyCode of 20410 will be returned along with the number of pictures that fit within the limit. The picture limits matrix is noted in Table 2 and the time limits will be based on the MLS's local time.

Table 2

Start Time	End Time	Picture Limit
8:00 AM	6:00 PM	300
6:01 PM	7:59 AM	1000

Profile Filtering

We will be implementing filtering by profiles and these profiles may be applied to the UserAgent header. Filters will be available to be placed on the Metadata that will be made available, required search criteria, and/or available RETS transactions.

IMPORTANT: Changes and additions to this document can occur at any time without prior notice as we are still in development at this time.