

DataLinx 1.2 XML Feed Documentation

This document contains descriptions for each element in the DataLinx XML file format for use with RentLinx DataLinx. Each DataLinx upload must be a *complete* upload. This means elements (such as properties and users) that were originally sent through DataLinx not in the current file will be deleted from your account. See also the associated DataLinx sample file. The DataLinx XML file submitted must match the XML Schema document at: http://www.rentlinx.com/DataLinx/DataLinx1_2.xsd

Element	Description
RentLinx	The top level element. This node has the following required attributes: RentLinxID and Password : These represent the login information of an administrator with access to your company account. RentLinxCompanyID : The RentLinx provided ID number of your company. DataLinxVersion : The version of the DataLinx format in use. xmains : Must have the value "http://www.rentlinx.com" xmains:xsi : Must have the value "http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation : must have the value "http://www.rentlinx.com http://www.rentlinx.com/DataLinx/DataLinx1_1.xsd"
Properties	The container element for any number of Property elements
Property	There can be any number of Property elements within the Properties tag. The required LocalPropertyID attribute is the unique ID number of the property on your system. Two properties may never have the same LocalPropertyID
Description	The description of the property as a whole (not a specific unit)
MarketingName	The name of the property. e.g. Park Place Apartments
Address	Street address. e.g. 200 Huronview Blvd
City	City
State	State abbreviation, e.g. MI
Zip	Five digit zip code, e.g. 48104
Zip4	Four digit zip extension, e.g. 9194
YearBuilt	The four digit year the property was built
NumberUnits	The total number of units that exist at the property. For example, if one community that has 100 one bedrooms and 100 two bedrooms would list 200.
Latitude	The latitude of the property location
Longitude	The longitude of the property location
AcceptsHcv	1 if this property accepts Housing Choice Vouchers, 0 otherwise
Waitlist	From null, open, closed
WaitlistDetails	Text describing the status of the waitlist
PhoneNumber	Leasing office phone number
FaxNumber	Leasing office fax number
EmailAddress	Leasing e-mail address
Website	Full URL of the website for this property. You may include the management company website here instead.
OfficeHours	Description of leasing office hours
PropertyType	A property type for this property. Must be from the Property Types List (below). Each PropertyType tag may contain the optional attribute Primary which indicates the primary property type for the property.
Amenity	Each property can have any number of amenities. The AmenityID attribute must be from the Amenity IDs list below. The body of the tag may optionally contain additional details describing the amenity
PropertyPhoto	Represents a photo which applies to the entire property (as opposed to a unit or floor plan) The body of the tag optionally contains the caption of the photo. The attributes are as follows: ImageUrl : The URL where the image can be accessed. (Note that the image will be downloaded to RentLinx servers for future access, not "hot linked" directly from RentLinx listings. ModificationDate : Optional, the EDT timestamp when the photo was last updated. A photo will only be downloaded if it is the first time the ImageUrl has been provided to RentLinx OR if the ModificationDate is more recent than the last download. Primary : When set to True, this photo is the primary photo for this property and will be shown as the thumbnail in search results. Only one PropertyPhoto can be marked primary

	for each Property.
Unit	Each property must have at least one unit. The LocalUnitID is the ID number of the unit on your system. Two units within the same property may not have the same LocalUnitID. A unit usually represents a type of unit or floor plan, not a specific unit.
UnitType	From SingleFamilyHome, Specific, Type. "SingleFamilyHome" should be chosen when the entire property rents under one lease. "Specific" should be chosen if the unit represents a specific individual unit at the property. "Type" should be chosen when the unit represents multiple units at the property.
Name	The name of this unit, e.g. "The Savannah" or "Barrier-Free Two Bedroom"
Description	Description of this type of unit
IsOpenToLease	1 if this unit is currently accepting new leases (beginning now or in the future), 0 otherwise
NumberUnits	Only valid when UnitType =Type. Indicates the number of actual units that this unit type represents.
MaxAdvertiseAvailable	Only valid when UnitType =Type. Indicates the number of units that should be advertised as available when IsOpenToLease =1. When IsOpenToLease =0, the unit type will always be shown as leased.
DateAvailable	Only valid when IsOpenToLease =1. This may be used when the unit is known to be available at a date in the future.
RentIsBasedOnIncome	1 when this unit's rent is based on the residents income, 0 otherwise
MinRent	Only valid when RentIsBasedOnIncome =0. An integer representing the minimum monthly rent of this unit
MaxRent	Only valid when RentIsBasedOnIncome =0. An integer representing the maximum monthly rent of this unit
MinDeposit	Only valid when RentIsBasedOnIncome =0. An integer representing the minimum deposit required for this unit
MaxDeposit	Only valid when RentIsBasedOnIncome =0. An integer representing the minimum deposit required for this unit
Bedrooms	Number of bedrooms in this unit
FullBaths	Number of full bathrooms in this unit
HalfBaths	Number of half bathrooms in this unit
MinSquareFeet	Minimum square feet of this unit (integer)
MaxSquareFeet	Maximum square feet of this unit (integer)
IsMobilityAccessible	1 when this unit is accessible to people with mobility disabilities, 0 otherwise
IsVisionAccessible	1 when this unit is accessible to people with vision disabilities, 0 otherwise
IsHearingAccessible	1 when this unit is accessible to people with hearing disabilities, 0 otherwise
UnitPhoto	Represents a photo which applies to this specific unit or floor plan. The body of the tag optionally contains the caption of the photo. The attributes are as follows: ImageUrl : The URL where the image can be accessed. (Note that the image will be downloaded to RentLinx servers for future access, not "hot linked" directly from RentLinx listings. ModificationDate : Optional, the EDT timestamp when the photo was last updated. A photo will only be downloaded if it is the first time the ImageUrl has been provided to RentLinx OR if the ModificationDate is more recent than the last download. Primary : When set to True, this photo is the primary photo for this unit and will be shown as the thumbnail on the property page. Only one PropertyPhoto can be marked primary for each Property.
Users	Tag containing all of the users who have access to your account. Any users from this section who currently are listed in RentLinx will be deleted.
User	Represents a single user who has access to your company account. Once their RentLinx accounts are created, users will be able to login after setting their password using the "Lost Password" form accessible from RentLinx.com. Attributes are: IsAdmin : When true, this users is a RentLinx administrator for your company. RentLinxID : The RentLinx ID (login name) for this user. If this RentLinx ID doesn't yet exist, a new account will be created. If the RentLinx ID exists within your company, the account will be updated. It is an error if the RentLinx ID is taken by a user not associated with your company. Email : Users's e-mail address FirstName : User's first name LastName : User's last name PropertyIDs : The comma delimited list of LocalPropertyID 's which this user has access to edit. This attribute is ignored when IsAdmin is set to True.
Extras	Tag containing extra information that may apply to one or many properties

- Attachment** Represents an attachment that will be available for users to download from the RentLinx site. The body of the tag represents the attachment title. Attributes are:
AttachmentUrl: The URL where this attachment can be downloaded (it will just be downloaded to RentLinx's server once, then served from RentLinx.com)
ModificationDate: When a new feed is sent, the attachment will be re-downloaded if the ModificationDate: has been updated. (Otherwise the AttachmentUrl will be ignored)
PropertyIDs: The comma delimited list of **LocalPropertyIDs** to which this attachment applies.
- Link** Represents a link to a 3rd party website that users viewing a property can follow. The body of the tag represents the link title. Attributes are:
LinkUrl: The URL destination of this link
PropertyIDs: The comma delimited list of LocalPropertyID's which this link applies to.

Property Types List

The **PropertyType** element must be one of the following:

PropertyType
Apartments
House
Condo
Duplex
Triplex
4plex
Senior
AssistedLiving
Subsidized
GardenStyle
MidRise
Townhouse
Flat
Cooperative
HighRise
CorporateSuite

Unit Types List

The **UnitType** element must be one of the following:

SingleFamilyHome	Choose when the entire property rents under one lease
Specific	Choose if the unit represents a specific individual unit at the property
Type	Choose when the unit represents multiple units at the property

Amenity IDs List

Each amenity **AmenityID** attribute must be one of the following

AmenityID	Amenity Group	Title
49	Amenities	Elevator in Building
42	Amenities	Exercise Facility
36	Amenities	Furnished
47	Amenities	Home Health Services Available
46	Amenities	Meal Program Available
39	Amenities	Other
38	Amenities	Parking
41	Amenities	Pool
64	Amenities	Smoke Free
48	Amenities	Transportation Service Available

37	Amenities	Unfurnished
27	Appliances	Air Conditioning (Wall Unit)
28	Appliances	Central Air Conditioning
26	Appliances	Dishwasher
32	Appliances	Garbage Disposal
45	Appliances	Microwave
35	Appliances	Other
31	Appliances	Oven
30	Appliances	Range
29	Appliances	Refrigerator
33	Appliances	Washer & Dryer
34	Appliances	Washer & Dryer Hookup
22	LeaseLengths	10 Months
23	LeaseLengths	12 Months
17	LeaseLengths	2 Months
24	LeaseLengths	24 Months
18	LeaseLengths	3 Months
19	LeaseLengths	4 Months
20	LeaseLengths	6 Months
40	LeaseLengths	8 Months
21	LeaseLengths	9 Months
16	LeaseLengths	Month to Month
25	LeaseLengths	Other
11	Pets	Cats Allowed
10	Pets	Dogs Allowed
13	Pets	No Cats Allowed
12	Pets	No Dogs Allowed
14	Pets	No Pets Allowed
15	Pets	Other
3	Utilities	Electricity Included
5	Utilities	Gas Included
1	Utilities	Heat Included
44	Utilities	High-Speed Internet Available
43	Utilities	High-Speed Internet Included
9	Utilities	Other
4	Utilities	Resident Pays Electricity
6	Utilities	Resident Pays Gas
2	Utilities	Resident Pays Heat
8	Utilities	Resident Pays Water
7	Utilities	Water Included

XML Format Change Log

As our DataLinx format is improved the changes present in each version will be listed here.

Version 1.2:

- Added support for units to represent either a single family home, a specific unit or a type of unit. Changes include:
 - Added <UnitType> tag under <Unit>
 - Added <NumberUnits> tag under <Unit>
 - Added <MaxAdvertiseAvailable> tag under <Unit>
 - Removed <Rent> tag and replaced it with <MinRent> and <MaxRent> tags
 - Removed <Deposit> tag and replaced it with <MinDeposit> and <MaxDeposit> tags
 - Removed <SquareFeet> tag and replaced it with <MinSquareFeet> and <MaxSquareFeet>

- Added definition for “UnitTypes” enumeration. (See UnitTypes List above)

Version 1.1:

- Introduced associated XSD schema at http://www.rentlinx.com/DataLinx/DataLinx1_1.xsd
- The root RentLinx node must now include the following three attributes to identify the namespace and schema: (See description of RentLinx element near top of document)
 - xmlns
 - xmlns:xsi
 - xsi:schemaLocation
- All DateTime values must be in the format YYYY-MM-DDThh:mm:ss and cannot be blank. For example, February 3, 2008 at 2:34pm would be listed as: 2008-02-03T14:34:00
- All Date values must be in the format YYYY-MM-DD and cannot be blank
- All Boolean values must be set to “true” or “1” for True and “false” or “0” for false. (case sensitive)
- There may now be multiple <PropertyType> tags, one of which may have the attribute Primary=”true” to indicate the primary and secondary property types.
- There is a new <Extras> section that allows <Attachement> and <Link> tags to be sent through DataLinx.