RESO Data Dictionary Certification Glossary

What is the Data Dictionary?

The Data Dictionary is a set of rules that instructs host providers how to construct (*i.e. name, data type, length*) a specific set of an agreed upon fields.

General Data Dictionary Terminology:

DD: A common abbreviation for "**D**ata **D**ictionary."

DD Compliance Rules: A set of rules applied to an applicant's metadata to determine if it adheres to the Data Dictionary. A PDF of the rules are available on RESO.org.

DD Certification: A DD certificate is awarded if that applicant's metadata adheres to the set of DD Compliance Rules as dictated by this workgroup. (Linked to version 1.4.0 section 3.0)

DD Entry: Any object, value, time, person or idea that has been defined in the dictionary and given a standard name. It is often represented as a row within the Data Dictionary spreadsheet.

DD Implementation: The data set constructed by the Host provider.

DD Starter Kit: This Starter Kit is geared towards a source provider (like an MLS). This kit will guide them through the steps to become Data Dictionary compliant.

Data Dictionary Certification Levels:

Different Data Dictionary Certification levels have been defined to recognize those who implement more than the minimum requirements. These higher levels are named after different precious metals: Bronze, Silver, Gold, and Platinum. The minimum certification is named "Core."

DD Core fields are those fields that MUST be compliant to receive certification. If a Core field is not present in the host providers data set, it does not need to be added. Missing Core fields will not be considered in the certification process.

A host provider is strongly encouraged to have all of its fields (Core, Bronze, Silver, Gold, and Platinum) compliant to the Data Dictionary.

All DD Entries tagged as Core fields AND that exist within an applicant's DD data set, **MUST** be compliant to receive certification. Additional certification rules are available through the link above.

Compliance Notice: A "notice" is issued for any portion of the Data Dictionary's implementation (field, enumerations, etc.) that does not conform to the requirements but does NOT disqualify the applicant from certification.

Compliance Warnings: A "warning" is the same as a compliance notice with the additional requirement that it is fixed within a specific timeframe. Future certification MAY be denied if a "warning" is not fixed in the required time.

Host/Client: The host is the party in a transaction that delivers data to a client. The client is the party in the transaction that receives data via client get or host put. The direction of data flow is important in determining compliance for DataType conversions and other mappings.

Requirement IDs: Each compliance rule in this document is identified by a unique ID. They take the format similar to "**REQ-DD###$$$-XXX-%**" and are found immediately before the rule. This ID is provided to help those discussing these rules to identify rules in this document.

> *Note: REQ-DD is an abbreviation for "Requirement-Data Dictionary".*
> *### is the Data Dictionary version number -- 150 is Data Dictionary 1.5.*
> *$$$ is the Transport -- R1X is RETS 1.x.*
> *XXX is the compliance rule group -- SN = StandardName, ENUM = Enumerations, etc.*
> *% is a unique number when one or more rule(s) are in a section.*

Synonym: Another name for any definition within the dictionary other than the stated standard name. Synonyms are provided in the dictionary as a reference to aid in understanding the field or enumeration's meaning. Use of synonyms in place of the standard name, whether listed in the dictionary or not, is not allowed.

Certification & Procedures Terminology:

Application Processes, Compliance Testing, and Certification Analysis: RESO staff process all certification applications through three phases. **Application processing** ensures that all information required to process the application is gathered. **Compliance testing** compares the applicant's Data Dictionary implementation with the compliance rules. **Certification Analysis** determines if a certificate is to be awarded.. More details are in "1.2 RESO Certification Flow (Summary)" of the Data Dictionary Testing Rules.

Supplemental Application Information: A report of additional details that an MLS MUST provide along with the application. The information in this report supplements that found when retrieving the applicant's Data Dictionary implementation. Links to the Supplemental Application Information spreadsheet may be found on RESO.org.

> **Note**: *The Supplemental Application Information was previously called 'Exception Report'.*