

Attribute Options

Background

The LDAP specification allows the use of attribute options. Attribute options can provide metadata about values for the attribute. Multiple options can be provided for a given attribute/value.

The classic example is language. `displayName;lang-en` tells you that this is the English version of `displayName`. `displayName;lang-jp` would be the Japanese version.

```
displayName;lang-en: Hideki Matsui
```

```
displayName;lang-jp:
```

Generally, options behave intuitively. A query without specifying an option should match all relevant attributes (ie: `displayName` matches both `displayName;lang-en` and `displayName;lang-jp`), while a more specific query matches only relevant attributes (so `displayName;lang-fr` would not match either of the above examples).

Documents

- [Use Cases](#)
- [Proposed Set of Options](#)
- Proposed eduperson Language
- Draft RFC
- Best Practices for Implementation
- Results of Interop Testing of Existing Servers and Client Libraries

References

- [Notes from ACAMP 2012 session](#)
- [RFC 3866](#): Language Tags and Ranges in the Lightweight Directory Access Protocol (LDAP)
- [RFC 4512](#): Lightweight Directory Access Protocol (LDAP): Directory Information Models (see [§2.5](#))
- [RFC 4520](#) (BCP 64): Internet Assigned Numbers Authority (IANA) Considerations for the Lightweight Directory Access Protocol (LDAP)
 - As per [§3.5](#), "All other options require Standards Action or Expert Review with Specification Required to be registered."
- [RFC 4522](#): Lightweight Directory Access Protocol (LDAP): The Binary Encoding Option
- [RFC 5646](#): Tags for Identifying Languages (Best Current Practice)
- [IANA Attribute Description Options Registry](#)