draft-ietf-regext-rdap-sorting-and-paging Review

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- **04:**
  - Replaced "ldhName" with "name" in the "Sorting Properties Declaration" section:
    - "name" is mapped onto ldhName/unicodeName;
    - the unicodeName value MUST be taken while sorting; when unicodeName is missing, the value of ldhName MUST be considered instead.
  - Clarified the sorting logic with respect to the JSON value types and the sorting policy for multivalued fields:
    - servers MUST implement the sorting according to the JSON value type of the RDAP field the sorting property refers to: JSON strings MUST be sorted lexicographically and JSON numbers MUST be sorted numerically.
    - the jCard "sort-as" parameter MUST be ignored for the purpose of the sorting capability;
    - when more than one value is returned, sorting will be applied to the preferred value identified by the parameter pref="1". If a preference information is missing, sorting will be applied to the first value.
- **05:**
  - Clarified the sorting logic on IP addresses:
    - IP addresses MUST be sorted based on their numeric conversion.
  - Clarified the mapping between the sorting properties and the RDAP fields:
    - each RDAP provider MAY define other sorting properties than those shown in this document as well as it MAY map those sorting properties onto different locations (e.g. due to a different implementation of the contact representation).
- **06:**
  - Renamed "pageCount" to "pageSize" and added "pageNumber" to the "paging_metadata" element:
    - even if "pageSize" and "pageNumber" are redundant for clients because they can be derived programmatically, they can be helpful for an end user who interacts with the server through a web browser.

- **How to implement pagination when "links" can't be used ?**

  - The request is sent via HTTP POST

    - e.g. POST seems to be more suitable than GET for delivering a complex query

  - The link to the next result set page can't be provided

  - The "paging_metadata" element doesn't support this case currently

- **Solution:**

  - An optional property named "nextCursor" could be added to "paging_metadata" as alternative to "links"