Region Custom Expiration

# Custom Region Expiration

To support region expiration the following XML statement must be added to the cluster configuration XML or cache XML:

<region>

<region-attributes statistics-enabled="true">

<entry-idle-time>

<expiration-attributes timeout="60" action="local-invalidate">

<custom-expiry>

<class-name> utils.server.custom.expiration.CustomExpiration</class-name>

</custom-expiry>

</expiration-attributes>

</entry-idle-time>

</region-attributes>

</region>

The **red** tag above needs to be in the configuration but is not used. The values for the timeout are specified by passing the following property for each region where custom expiration is needed in the server start command.

-D${region-name}ExpirationFields=fieldName,fieldValue,timeToExpire;fieldName,fieldValue,timeToExpire;...;...;

where $(region-name} is the region name where the custom expiration will be performed.

Format of the ${region-name}ExpirationFields property:

* A field block is denoted by a semi-colon and multiple blocks are supported.
* Each field block contains three (3) parts separated by a comma.
  + The first part is the field name in the object that will be used to compare.
  + The second part is the value that will be used to compare the object's field value to. Currently only an equal condition is supported. The value is converted into the object field name's data type and compared.
  + The third part is the object's time-to-live (TTL) in seconds.