Ed made this from websequencediagrams.com that describes IBM ELM’s current link validity implementation.

participant RM

note right of RM:  <rm1> <link-type> <qm1>.

participant QM

participant "Validity Server\n(JTS)" as JTS

RM->QM: /validity/contentHash(qm1)

QM->RM: qm1.hash

RM->RM: rm1.hash = contentHash(rm1)

RM->JTS: /validity/getValidity(rm1.hash, link-type, qm1.hash, context)

JTS->RM: status

note right of RM: status\n1 : valid\n2: invalid\n3: suspect

<rml> <link-type> 
"validi 'contentHash 
ml -hash 
ml 
rml -hash = contentHash(rm1) 
"validi 
status 
1 : valid 
2: invalid 
3: suspect 
al idi 
ml-hash, link- 
status 
Validity Server 
(JTS) 
ml-hash, context 
Validity Server 
(JTS) 
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