Infrastructure - Task #2107

Feature # 1764 (Closed): Finalize dataoneTypes schema for public release

Types.Checksum: Representation of the checksum string

2011-12-07 06:04 - Roger Dahl

Status:	Closed		**Start date:**	2011-12-07
Priority:	Normal		**Due date:**	
Assignee:	Matthew Jones		**% Done:**	100%
Category:	Documentation		**Estimated time:**	0.00 hour
Target version:	Sprint-2011.51-Block.6			
Milestone:	CCI-1.0.0		**Story Points:**	
Product Version:	*			

Description

Should there be something in the docs about how the checksum strings are represented? For instance, lower case hex, without any prefixes (like $ or 0x). If we don't specify case, maybe we should describe that checksum equality comparisons are case insensitive within DataONE.

On Python, when calculating an SHA-1 and asking for a "hexdigest", the result is string with 40 lower case hex characters, but if asking only for a "digest", it's 16 raw bytes.

History

#1 - 2011-12-22 00:36 - Matthew Jones

- Status changed from New to Closed

- % Done changed from 0 to 100

Updated documentation to indicate that hex digests can be both lower and upper case, and checksum algorithms should deal with both.