

EML - Bug #2083

dimension 'current' is wrongly entered as 'charge'

05/20/2005 11:58 AM - Matt Jones

Status:	Resolved	Start date:	05/20/2005
Priority:	Immediate	Due date:	
Assignee:	ben leinfelder	% Done:	0%
Category:	eml - general bugs	Estimated time:	0.00 hour
Target version:	EML2.1.0	Spent time:	0.00 hour
Bugzilla-Id:	2083		
Description			
<p>Somehow the base dimension list for EML has 'charge' as a fundamental dimension instead of 'current'. This is wrong, and should be fixed. See the NIST site for details. http://physics.nist.gov/cuu/Units/units.html</p> <p>'Charge' should be a derived unit that is equal to ampere*second which is the definition of a coulomb.</p>			

History

#1 - 02/26/2008 05:00 PM - ben leinfelder

with this change, some of the other derived units get shuffled around a bit (at least in terms of their time coefficient). is the link listed here *the* trusted resource to use for basing the other units from (tesla, henry, weber, etc...).

the files affected are:
eml/eml-unitDictionary.xml
eml/stmml.xsd

#2 - 09/22/2008 10:10 AM - Margaret O'Brien

changing status to "fixed"

#3 - 03/27/2013 02:19 PM - Redmine Admin

Original Bugzilla ID was 2083