

Data Dictionary Changes

2020-04-15

Changes to IDS's

Two issues come to mind:

1. <https://jira.iter.org/browse/IMAS-2871> proposes that a number of IDS's that are currently in alpha status be changed to active status
 - What this means:
 - non-backward compatible changes can be made in alpha status IDS's;
 - this would not be allowed for active IDS's unless a move to version 4 was to occur
 - Request:
 - are there any non-backward compatible requests that you think need to be made in any of the alpha level IDS's?
 - do you have any objection to the proposal?
2. Are there changes/additions that are needed in any of the IDS's so that you can complete your planned work this year?

WIMAS-8

Dear David,

We need to update the neutron_diagnostic IDS to be able to create a synthetic neutron spectrometer.

Firstly we need a structure to store the 3d description of the field of view. The plasma is divided into a voxels uniformly over, say, R,Z, ad phi. For each of these volumes we need to be able to store the voxel volume, and the fractional solid angle seen by the detector from that voxel.

Secondly we need to be able to store energy resolved spectra (the current version is very limited (8 bins I think)).

I am not entirely sure that I can be on the meeting the 15th. I'll have to come back to you regarding that.

Kind regards,

Erik

WIMAS-2/4

Presentation by Thomas

EWE

Summary IDS from data import tools?

Google Sheet with IDS's

https://docs.google.com/spreadsheets/d/1kAxxSAx3tdKM_o2liapofFSt7FEvtxBbgclCFhzFRIQ/edit#gid=0

Some questions of my own

- Can we remove all of the “obsolescent” features of the alpha IDS’s before making them active?