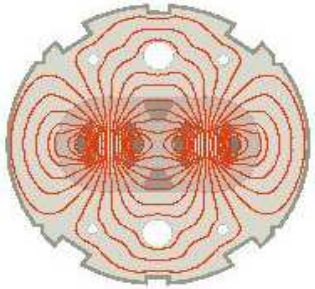
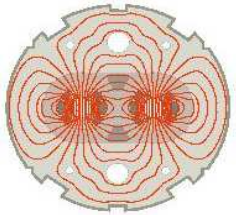


Mad-X Module Keeper Meeting

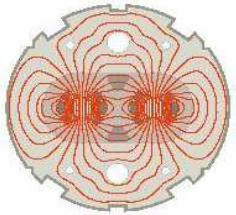
- Status
- Services
- Docu & Examples (Tasks for MMK)
- Other Platforms



Status I

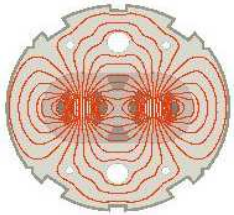
- Consolidation

1. Debug code using Real Life Examples.
2. For the time being NO development of the core program to arrive at stable performance of MAD-X as is.
3. Longer term issue: more solid memory management including purging of memory leaks and avoiding "illogical" freeing of previous allocated memory.
4. However: development of modules can proceed since they are independent from the core.



Status II

- Present Keepers Module
  1. André – survey, thintrack
  2. Frank S. – Custodian, c6t, twiss
  3. Frank Z. – dynap
  4. Daniel – ibs
  5. Etienne(KEK) – PTC (external)
  6. Fulvia (BNL) – SXF
  7. Helmut – makethin, MAC system 10
  8. John – Windows Version
  9. Oliver- match
  10. Ralph – emit
  11. Thys – threader & MMK secretary
  12. Tommaso – plot
  13. Werner – error, cororbit



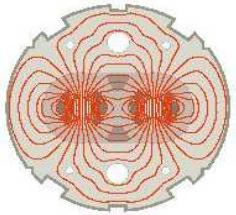
Status III

Immediate Tasks

1. Fix Program Crashes

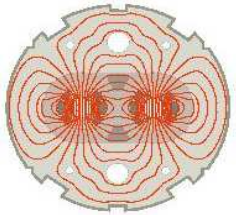
2. Official Presentation at PAC2003

3. Sound Documentation and Set of Examples
   Deadline PAC2003



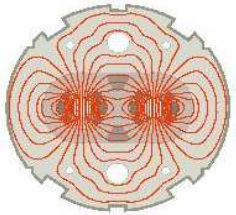
Services

- MAD-X Webpage
  1. Via the MAD web page
  2. Directly: http://frs.home.cern.ch/frs/Xdoc/mad-X.html
- Documentation in HTML format derived from that source PS & PDF manual files
- Link to the Examples
- News Section describing changes for each Version
- Latest Executables
- Directory with Source Code (files and tar), Makefile & Project History
- Bug Report Form
- Planned before PAC2003: MAD-X Mailing List



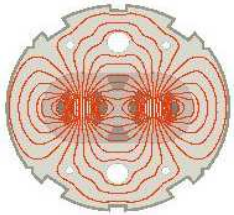
Docu & Examples
Tasks for MMK

1. Verify that in the file “madxdict.h” that your module has all attributes needed and purge obsolete ones.
2. Verify that the documentation describes faithfully the functioning of your module in all its details.
3. Provide valid and typical examples for your module:
   - Mkdir /afs/cern.ch/eng/sl/MAD-X/dev/test_suite/{your_module}/V1.10/
   - Complete set of input files (NO links!)
   - Keep output & write clear “README”.
4. I am happy to help!



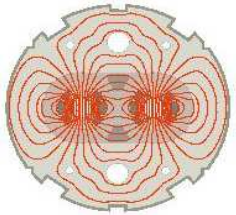
Other Platforms

1. The code is developed on LINUX.
2. It has been shown that it works equally well under SUN UNIX.
3. Helmut has made sure that it works successfully on MAC system 10
4. John has provided a first version that works on Windows. More tests are needed.



Docu Check

- Survey -T d'A
- Thintrack - WH
- C6t - TR
- Dynap - AV
- Twiss - AV
- Ibs - AV
- Emit - WH
- Plot - HB
- Error - FS
- cororbit - OB
- Match - FZ
- Makethin -FS



Next Meeting

Date: 05-MAY-2003

Time: 09:15 – 10:15

Place: 6-2-004