

Resources Inventory Status

- I – Objectives : What we want to do
- II – Google complementary solution
- III – “Internal (custom)” solution
 - How : Implementation
 - Resource data model
 - Website
 - Planetology Resources
- IV – Todo list & Questions

I – Objectives : *what we want to do*

- Inventory Europlanet people, institutes, and planetology resources of all types (web pages, documents, images, databases, data files, tools, services, models...)
- Not a database, but a meta-database (description of the data)
- FP6 “Data model” = general info about the resource (where, who, when, + keywords)
- FP7 “Data model” (more complex and “normalised”) = REGISTRY, detailed info about the resource format, internal structure & composition, parameters...

II – Google : *A complementary solution*

- A “Google Desktop”-like solution
 - A “all-in-1 box” computer
 - Give it a list of websites
 - will index all the websites content (web pages + documents + meta-data contained in documents)
 - Google-like search interface (configurable)
 - Advantages :
 - Quick
 - Quite easy installation
 - Configurable interface (can be included inside a website)
 - Drawbacks :
 - Poorly structured meta-data : Just a list of keywords (no organisation, no hierarchy)
 - Not free :
 - \$3000 for 100 000 references
 - \$6000 for 200 000 references
 - Our rough estimation of our need (from the online demo) is around 150 000 references
- Good “quick&dirty” COMPLEMENTARY solution, could be used as a PREVIEW (Quick Look) of what’s available
- OK for buying it (decision taken at last N7 meeting Lindau) : go for the \$6000 solution ?
- Where should it be installed ? Options are : CESR, Gratz, FMI

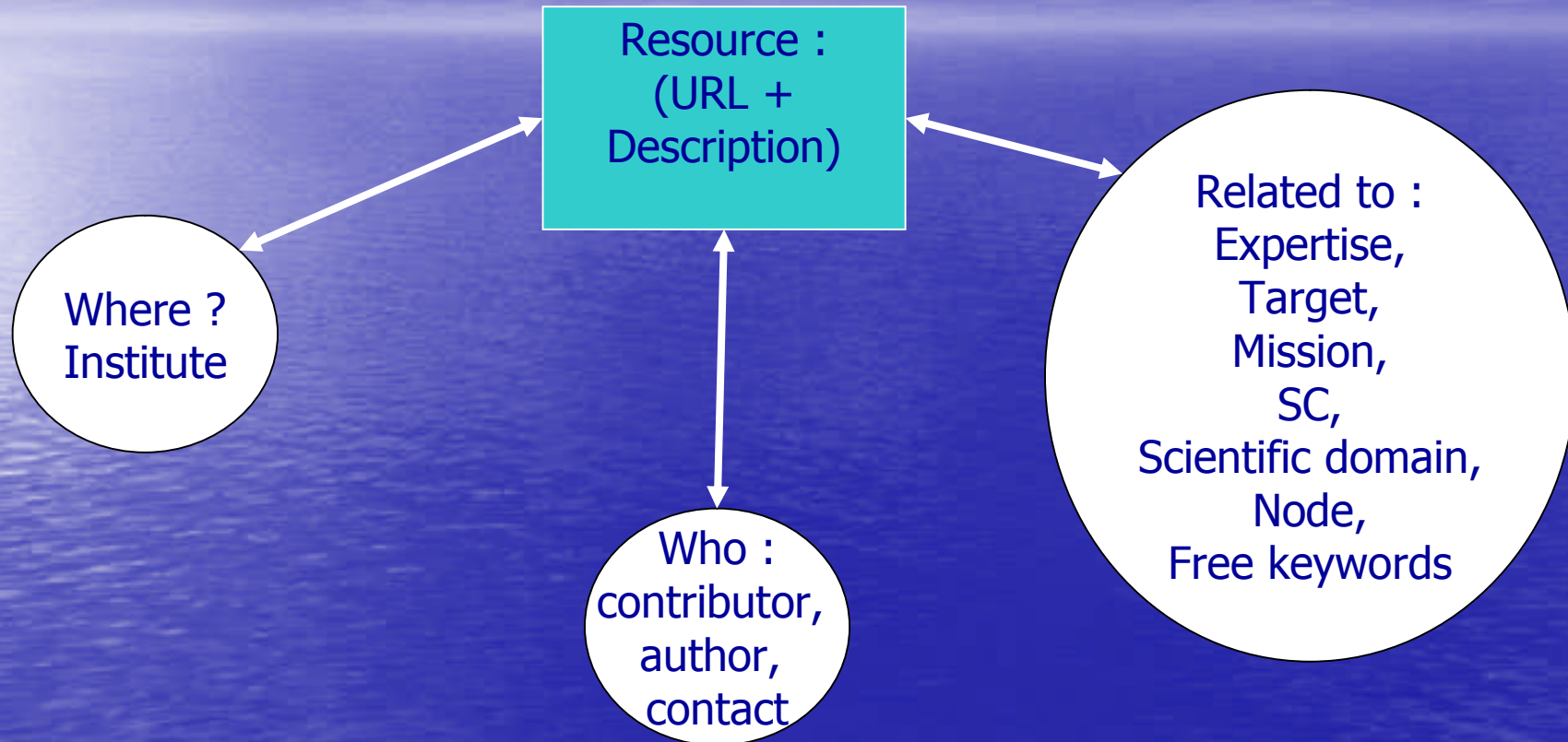
III – The Custom solution : Part 1 - How

- People + Institutes + Planetology Resources → integrated in the EPN website (europlanet.cesr.fr)
 - People (300) + Institutes (130) : at a general level → submitted at registration time, used for authentication :
 - This will be kept updated and used as the REFERENCE people & institute database (only registered people will receive EPN information, so PLEASE REGISTER)
 - Resources (170) : at the N7 level (any registered people can contribute) → submitted via a submission web form
 - Special thanks to C. Feugeade (EPN project office assistant, keyboarded the EPN 2005 questionnaire results) and F. Topf (Gratz, keyboarded a lot of plasma node resources)
 - Please contribute !

III – The Custom solution : Part 2 – Resource Data Model (“simplified”)

You can go both ways :

- Get the thematics linked to a resource
- Get the resources linked to a thematic



III – The Custom solution : Part 3 - The EPN website

- New version (3rd) online since Saturday Oct 6
 - Same info + some new ones, reorganized and redesigned
- General Presentation :
 - 2 menus
 - 3 sections : General, Activity, Services
 - Public access : by default, all, but with some restrictions (modified email addresses, no phone, “send email” facility deactivated, no contribution)
 - Howto page
 - Registration : submitted to validation by the “EPN validators group” (europlanet-validators@cesr.fr), a sub-group of the coordinators. Once someone has registered, he cannot login until his registration is validated by this group.
 - Registered users (& institutes) → in EPN directory (filterable, sortable...)
 - Login/logout (lost pass ?)
 - Planetology resources → at the N7 level (+ direct link)
 - General list (filterable & sortable...) : needs some tidying
 - SEARCH interface : should be ready by Nov 2007
 - Detailed View
 - Submission form : different sections, few mandatory information

IV – TODO list & Questions

- Just a list of “todo” things and some questions : answers in the Wednesday “splinter meeting” with a N7 subgroup.
 - Resources list organization → define some criteria :
 - EPN vs American (worldwide) resources
 - Per institute ?
 - Per resource type ?
 - Per Science Case... ? (already available)
 - Resources validation : how ? Who ?
 - Any registered user can submit any resource with sometimes “open” description (not very formalized)
 - Resources submission form : Is it complete ? Does it need mods/additions ?
 - SEARCH interface : should be “Grieger-like” (will need validation)
 - Global EPN website Access rights : who is allowed to do what ?
 - Data model : see current one from “Definition Documents” (from website)
 - Would it be interesting to adapt the current Data Model to be as close as possible to the SPASE norm (or another one) ?
 - Would facilitate the migration from FP6 data model to FP7 more complex data model
 - Need for an “explicit linking” of resources ?
 - Currently 2 resources will be linked together if they have a lot of common keywords
 - But, for 2 resources intimately linked (like “data” and “model”), might be interesting to link them explicitly
 - ... (see Wednesday report)
- NEED FOR A SPECIFIC FP6 N7 RESOURCES INVENTORY VALIDATION GROUP (with at least 1 representative from each node)