
IESP Breakout on Governance

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An international governance for doing what ?

Exascale roadmap update

Monitoring the roadmap implementation

- Reviewing the proposals for funding (from funding agencies request)
- Evaluating the projects that implement software components

Contribute to calls authoring

Shared feedbacks with R&D and funding agencies

Co-design information exchange forum between co-design centers, vendors, Exascale Software projects

An international governance for doing what ?

Specifying, developing, promoting API shared at the international level

Managing WGs on specific subjects on software level (MPI, resilience, ...) but also on application fields (climat, combustion, ...)

Sharing, promoting training and education courses (virtual schools also)

Dissemination activities, stakeholders, public, funding agencies,

Open questions (not for everyone):

- International testbed of software stack on US/Asia/Europe machines (G8-ECS) ?
- Deliver software stack (lustre model) ?

What we will not do together ?

Open question:

- Include industrial end users? It is mandatory for Japan and Europe to involve end users from industry
- Some specific software component?

An international governance, how?

- Governance model
 - Should allow to implement the what
 - Should be sustainable
 - Should be attractive for every funding bodies
 - We should look at precedence for the forums, such as OGF, OSS, FSIO, Linux, MPI

- Models
 - Loosely coupled
 - **Coordinated**
 - **Joint**
 - Well-specified legal framework

A possible international governance model

