Current status and adoption of the ICAR animal data exchange standards

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Based on the recommendations received during the 2018 ICAR annual meeting, the ICAR Animal Data Exchange (ADE) working group has focused its efforts on developing an outreach program for the purpose of creating greater awareness of the benefits industry stakeholders can obtain from adopting an internationally recognized standard for animal data exchange. In addition, the technical experts have focused on developing REST Json specifications.

Technical discussion have focused the object hierarchy in the messages and about the granularity. It is desirable to make the specifications as generic as possible but on the other hand, small messages with specific URI are essential to provide a granular authorization structure. The object hierarchy in the messages should not conflict with these principles. Final conclusion is that it is preferred to give each event its own endpoint.

The technical group agreed on marking only the fields which are necessary all over the world obligatory. All other fields are optional; We are providing a REST endpoint where country specific metadata is available (additional documentation per country is required to describe which fields are used, the maintenance of this specific country specific metadata is the responsibility of one organization per country / state /area (probably by ICAR designated?)

During this presentation members of the ADE working group will provide the results from a survey that was sent to a cross section of industry stakeholders requesting information on past and future efforts related to implementation of the ADE standards.

In addition, the working group will share the proposed technical specifications. This 'work in progress' is classified as 'open source' and is available on a public ICAR owned GITHUB repository (https://github.com/adewg/ICAR). The technical group is preparing a proposal for the governance long term. At this moment there are only a limited number of contributors working on this repository.

To conclude a panel of experts from the US, Germany, Finland, The Netherlands and New Zealand will share their perspective on the need for implementation of the ADE standards and current status in their respective country and answer questions from the audience.

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