

# Notes from Project Meetings

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## 1. Introduction

This section includes notes, minutes and presentations made at various project meetings.

**Warning:**

The documents for all EXPRESS/Binary meetings have not yet been added to this site. These will be added in the future.

### 1.1. 2006-12 ISO STEP Hershey

At the ISO STEP Hershey meeting a technical walkthrough of version 0.5 of the mapping was presented.

The following was the input to the meeting.

- V0.5 of the mapping specification
- Mapping Summary Presentation submitted by David Price

### 1.2. 2006-06 ISO STEP Toulouse

At the ISO STEP Toulouse meeting technical work was done to move past V0.31 of the mapping. Implementation feedback from the pyEXPRESS project was presented.

The following was input for the meeting.

- V0.31 of the mapping specification
- Presentation by Alain Fagot and Hans Peter de Koning at NASA/ESA PDE Workshop 2006 HDF5 Implementation of STEP-TAS Including Performance Benchmarks

The following was the result of the meeting.

- Meeting Notes submitted by David Price
- The team editing the XML input to the EXPRESS/Binary Web site at the meeting.

### 1.3. 2006-03 Status and update session at ISO STEP Vico Equense

The following was the result of the meeting.

- Meeting Notes submitted by David Price

### 1.4. 2005-12 Workshop hosted by HDF Group

A 3-day technical workshop was held at the facilities of the HDF Group at the University of Illinois Champaign-Urbana.

The following was input for the meeting.

## *Notes from Project Meetings*

- The V0.2 EXPRESS/HDF5 Mapping Specification
- Various presentation material

The following was the result of the meeting.

- Workshop Notes submitted by David Price
- Plans for V0.3 of the EXPRESS/HDF5 Mapping Specification

### **1.5. 2005-06 ISO STEP Valencia**

At the ISO STEP Valencia meeting the first draft EXPRESS/HDF5 mapping was reviewed. Comments from very early implementation experience were discussed. The major issue to be addressed is that HDF5 Datasets must be used to represent all high-volume data as that construct is where Partial I/O and other optimizations are possible with HDF5.

The following was input for the meeting.

- The April 2005 initial EXPRESS/HDF5 Mapping specification
- An overview presentation covering HDF5.

The following was the result of the meeting.

- An Introduction to the ISO EXPRESS Binary Data Project (updated June 2005)
- Meeting Notes from Valencia ISO STEP EXPRESS/Binary Data Session 2005-06-16 submitted by David Price

### **1.6. 2005-03 ISO STEP Lillehammer**

At the ISO STEP Lillehammer meeting a 1.75 day workshop was held to produce a first draft EXPRESS/HDF5 mapping sufficient to prove the concept.

The following was input for the meeting.

- An Introduction to the ISO EXPRESS Binary Data Project
- Introduction to HDF5

During the meeting, the following link to earlier ESPRI project work on EXPRESS and HDF was provided via email by Hans-Peter de Koning.

- STEP SDAI-HDF5 Project Documentation

The following was the result of the meeting.

- Meeting Notes from Lillehammer ISO STEP EXPRESS/Binary Data Session 2005-03-01 and 02 submitted by David Price
- The initial draft Version 0.1 mapping of EXPRESS data into HDF5 was produced as part of the workshop sessions held at the meeting.