CPACS Meeting Invitation

When: 20.01.2021; 13:00-17:00 and 11.02.2021; 09:00-13:00
Where: Web-meeting
Invited: Everybody working with or interested in working with CPACS

Stakeholder meetings on the CPACS 3.3 release

Over the past months, the CPACS community has been working on numerous enhancements to advance the common language for aircraft design to its next version. After combining the results of the individual working groups into a beta release, we would now like to continue the release process and kindly invite you to two topic-specific stakeholder meetings to: 1) introduce and discuss the planned enhancements and modifications and 2) to decide whether the developments are ready for creating the official release candidate for CPACS v3.3.

Topics and registration

Stakeholder meeting 1

Date: 20.01.2021; 13:00-17:00
Registration deadline: 19th January 2021

Topics:

o **Mission definition and point performances:**
  Revision of mission definition · parameter lapses within segments · point performance definitions
o **Load analysis**:
  Load case definition · aero case definition · load envelopes · flight envelopes
o **AeroMaps**:
  Minima and maxima in aeroLimitMaps · multiple increment maps
o **General CPACS features**:
  New base types · new configuration node · Symmetry flags · mapType attributes

Stakeholder meeting 2

Date: 11.02.2021; 09:00-13:00
Registration deadline: 10th of February 2021

Topics:

o **Landing gear definition**
o **Control surface track definition**
o **Fuselage profiles**
  Rectangle and superellipse as new standard profiles · kinks in profiles
o **Internal structure**
  Standard profiles · ribPost elements
o **Mass breakdown:**
  Moments of intertia · miscellaneous elements · fuselage walls
o **General CPACS features:**
  New base types · new configuration node · Symmetry flags · MapType attributes

Registration

Registration can be made by sending an e-mail to cpacs@dlr.de. For planning purposes, we would like to ask you to register for the workshops in advance. Two days before the meeting, the details of the web conference will be sent to the registered participants. We are looking forward to a fruitful exchange!