SU2 IDS
International Developers Society

T. Albring, R. Sanchez, T. Economon, F. Palacios
Glasgow, 17.09.2018
Why the IDS?
Why the IDS?

SU2
... is a global product
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Many agents involved

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Organizations

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Administrative management

Technical management
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Administrative management

- Resources
  - Financial
  - Human
  - Material

- Legal
  - Bylaw
  - Trademark
  - Copyright

- Marketing
  - Product placement
  - Promotion

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- Training
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SU2
Strategic direction & new features
ACADEMIA
- “I want a product with the latest methods”
- “I want to leverage on the community’s expertise”

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INDUSTRY
- “I want a reliable product”
- “I want to obtain a fast solution”
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“I want SU2 to fit my needs”
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“I want SU2 to make my life easier”

SU2 INTERNATIONAL DEVELOPERS SOCIETY

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TRAINING

- Tutorials
- Courses
- Workshops
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SU2

SUPPORT

PERSONALIZED ATTENTION

USERS

- Getting started with SU2
- SU2 for aerodynamic design

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SU2 IDES

SU2 INTERNATIONAL DEVELOPERS SOCIETY

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Mission of the IDS
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Connect

Organize and promote the exchange of ideas amongst developers
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Inspire
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Represent the interests of the developers within the SU2 community
SU2 IDS: Connecting developers

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SU2 IDS: Connecting developers

Simplify the communication channels

- Create a single mailing list for the entire developer community.
- No more scattershot emails to subsets of community.
- Keep developers posted with planned releases, workshops, activities and ongoing features.
- Set up regular calls to coordinate technical details of code development.
### SU2 IDS: Connecting developers

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| - Create a single mailing list for the entire developer community.  
- No more scattershot emails to subsets of community.  
- Keep developers posted with planned releases, workshops, activities and ongoing features.  
- Set up regular calls to coordinate technical details of code development. | - Have a forum / social network with searchable keywords and topics.  
- More efficient than person-to-person contact suggestions, which is mostly how we connect people now.  
- Encourage more collaboration and inspire new ideas. |
SU2 IDS: Inspiring the growth of SU2

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Organize and promote the exchange of ideas amongst developers

Inspire
Promote the growth of the code by supporting the developers and recognizing their contributions

Represent
Represent the interests of the developers within the SU2 community
SU2 IDS: Inspiring the growth of SU2

We are an open community

- Anyone can get involved and/or lead by taking initiative and making contributions with high value.
- Many types of contributions are valuable for the overall success of the project (both code and non-code).
- **However...** as we all know, it is sometimes hard to get volunteers, and some work is less “glamorous”.

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- However... as we all know, it is sometimes hard to get volunteers, and some work is less “glamorous”.

We want to incentivize the community contributions
- **Member grade** mechanism is like a rewards system where folks earn “contribution points” to advance.
- Recommendation letter requirements at higher levels encourage more interaction and collaboration amongst community members.
- **Feedback and suggestions on shaping this are desired!**
Membership Grades
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Junior Developer

Open to anyone demonstrating SU2 development.
Membership Grades

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Developer
Requires demonstrated contributions and a minimum of 2 years of experience in SU2 development. Minimum level to vote on IDS elections.
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**Junior Developer**
Open to anyone demonstrating SU2 development.

**Developer**
Requires demonstrated contributions and a minimum of 2 years of experience in SU2 development. Minimum level to vote on IDS elections.

**Principal Developer**
Experienced developer (>4 years) with a proven track record and a recommendation letter from a principal developer. Minimum level to hold IDS office.
# Membership Grades

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<td><strong>Junior Developer</strong></td>
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<td><strong>Principal Developer</strong></td>
<td>Experienced developer (&gt;4 years) with a proven track record and a recommendation letter from a principal developer. Minimum level to hold IDS office.</td>
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<td><strong>Developer</strong></td>
<td>Requires demonstrated contributions and a minimum of 2 years of experience in SU2 development. Minimum level to vote on IDS elections.</td>
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<tr>
<td><strong>Fellow</strong></td>
<td>Senior developer (&gt;8 years) with a proven track record and two recommendation letters from current fellows. Minimum level to be a repo maintainer.</td>
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How to demonstrate a track record?

Measure the contributions on our SU2 project currency: $U2

Contributions are objective and countable, but not all contributions are equally weighted.
How to demonstrate a track record?

Measure the contributions on our SU2 project currency: $U2

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Some ideas to obtain $U2:
- Forum posts
- Social media posts
- Pull Request (PR) reviews
- Authored tutorials on su2code.github.io
- SU2-based publication
- Authored and merged PR
- Hosting SU2 events
Web Portal Features

- The IDS Website (su2devsociety.org) will be the place to connect all developers.
- There is a preliminary implementation of the Developer area and Forum.
- There are more ideas:
  - Publication lists
  - Point system
  - Direct messaging
  - User groups...
- Work still in progress to find the best ways to implement these ideas...
  - ... but we need your help! If you have experience with Wordpress/php get in touch with us!
SU2 IDS: Representing the developers

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Promote the growth of the code by supporting the developers and recognizing their contributions

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Represent the interests of the developers within the SU2 community
SU2 IDS: Representing the developers

The future IDS will establish a structure similar to other non-profit organizations, consisting of a small number of Officers (including a president and vice president) appointed by direct vote of the developers and who perform special duties. Other work will be delegated to special committees.

To learn more, or if you want to help out, please write to:

admin@su2devsociety.org