



# SU2 IDS

## International Developers Society

T. Albring, R. Sanchez, T. Economon, F. Palacios

Glasgow, 17.09.2018

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# Why the IDS?

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# Why the IDS?

SU2

... is a global product

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# Why the IDS?

Many agents involved

**SU2**

... is a global product

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# Why the IDS?



Many agents involved

Organizations

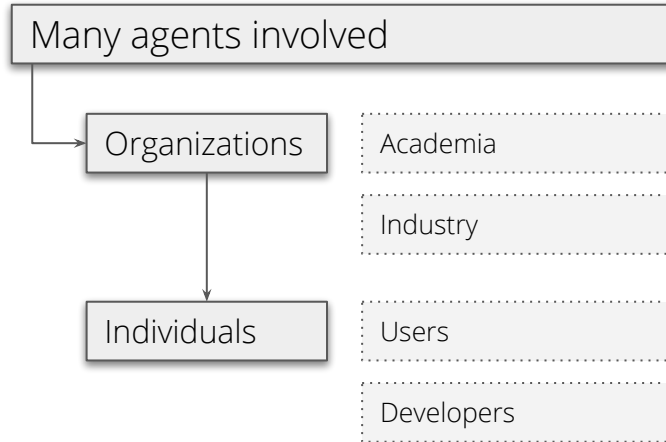
Academia

Industry

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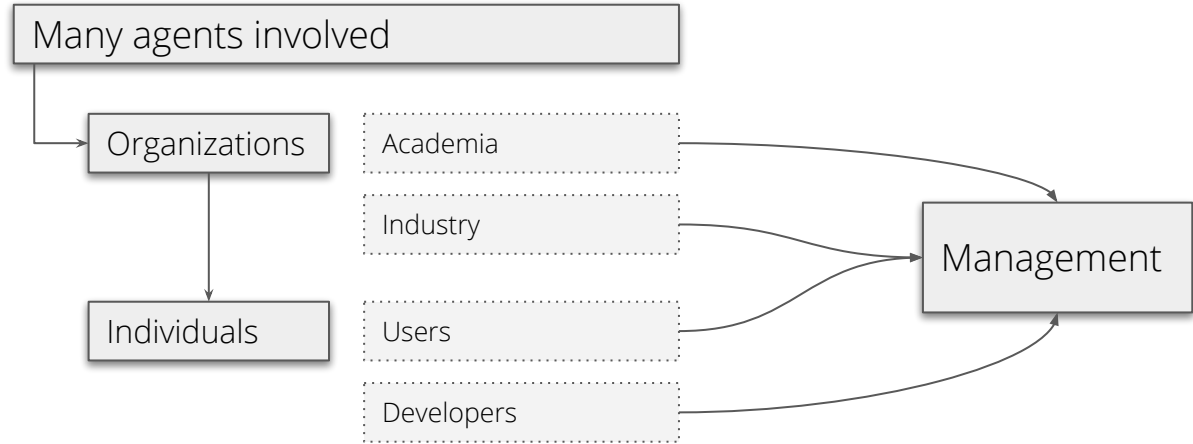
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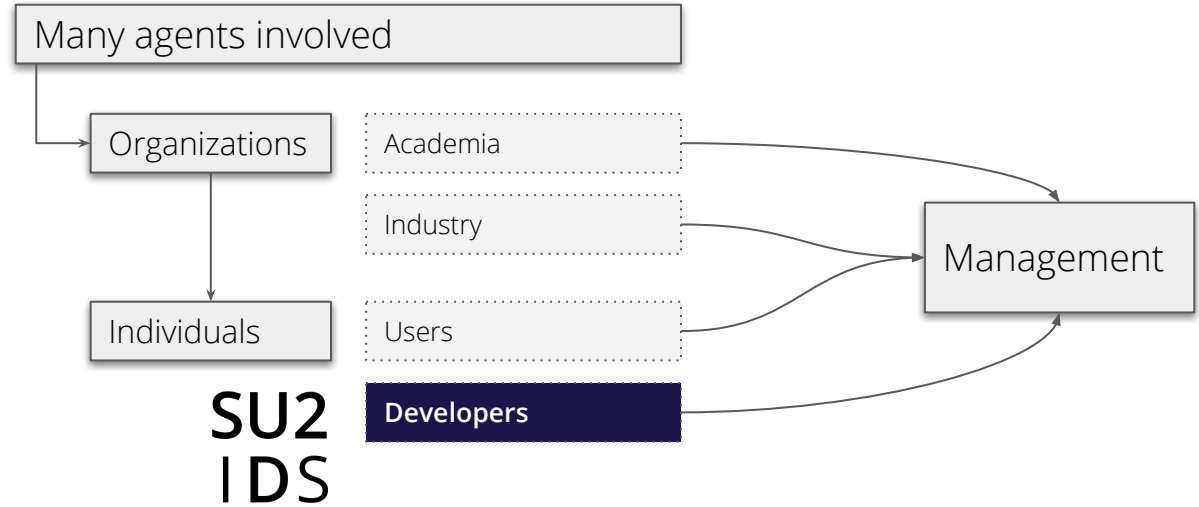
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SU2

```
graph TD; SU2([SU2]) --- AM[Administrative management]; SU2 --- TM[Technical management];
```

Administrative management

Technical management

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## Administrative management

### Resources

- Financial
- Human
- Material

### Legal

- Bylaw
- Trademark
- Copyright

### Marketing

- Product placement
- Promotion

## Technical management

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### Maintenance

- Code
- Website
- Documentation

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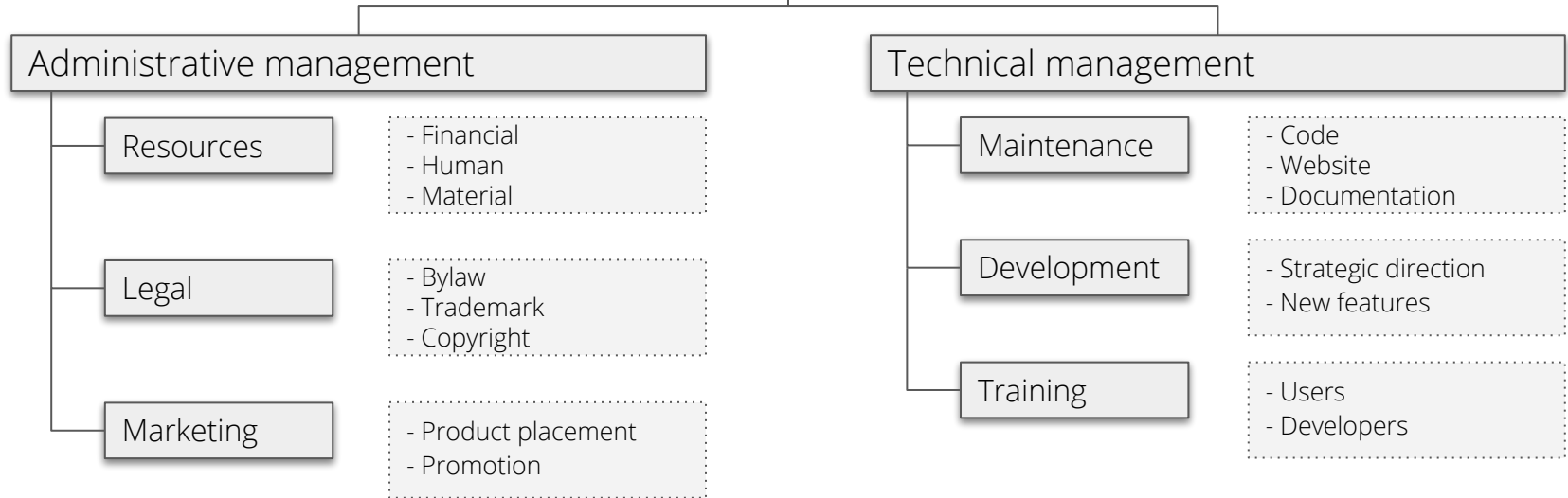
### Development

- Strategic direction
- New features

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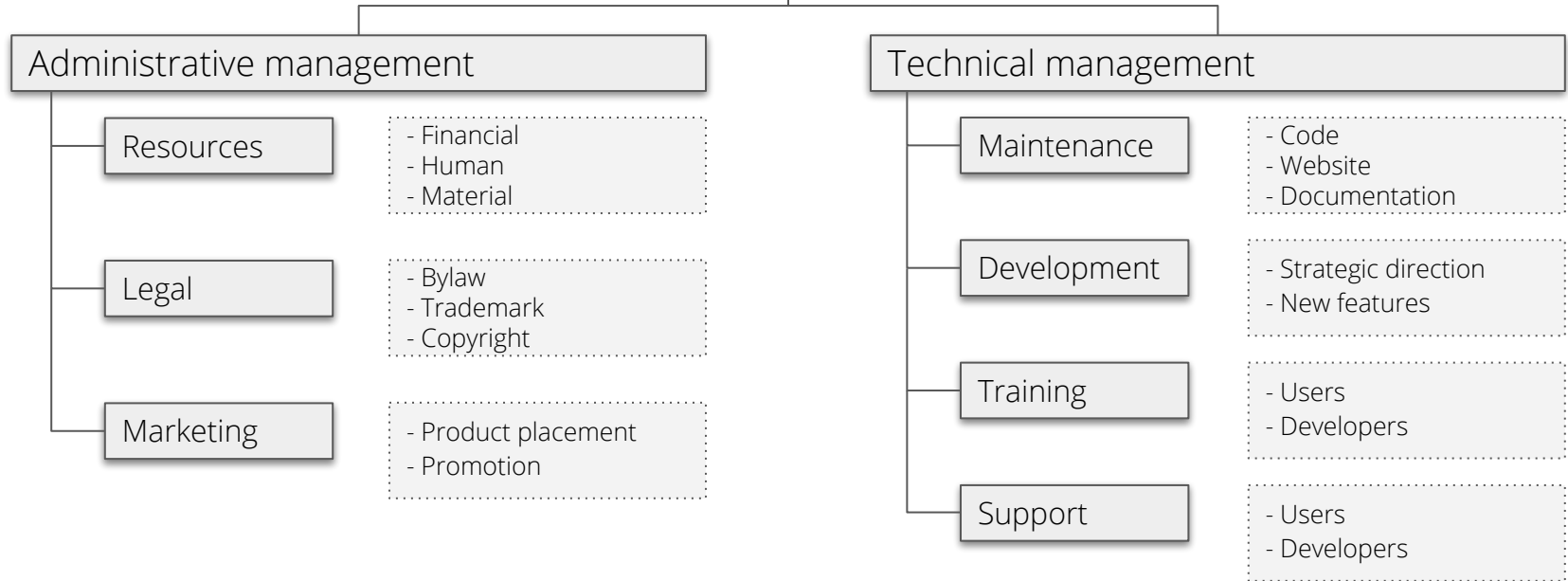
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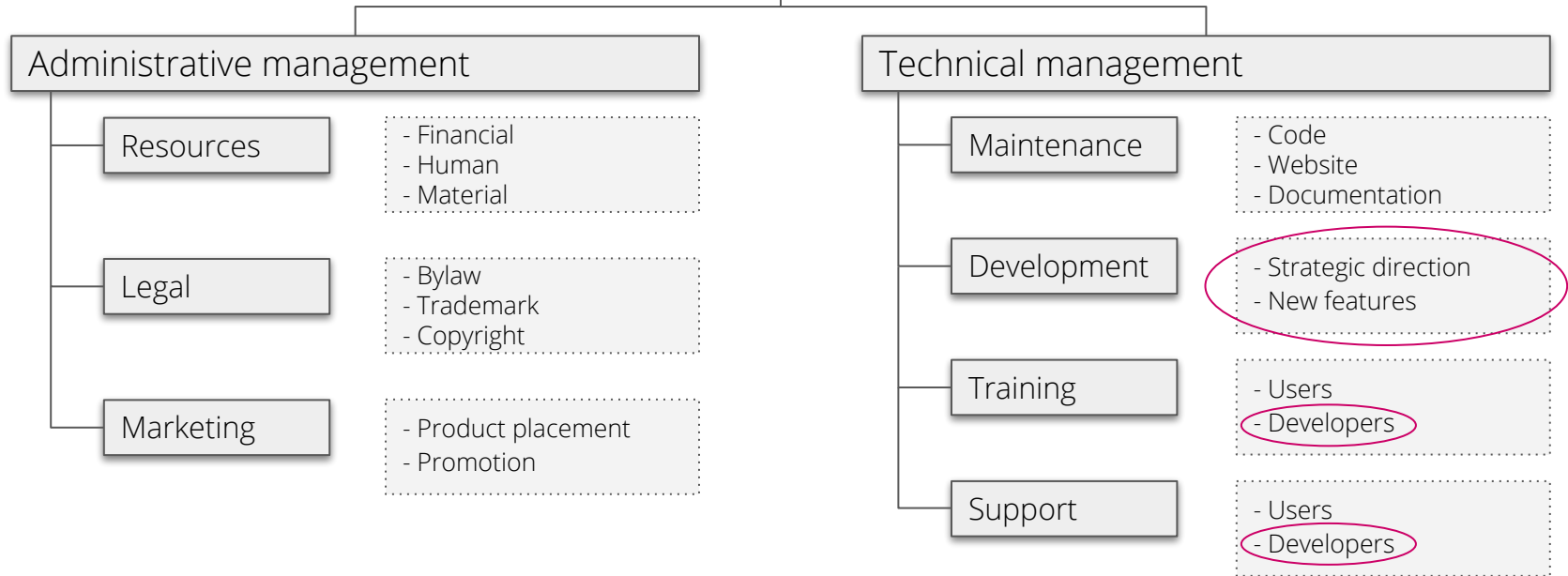
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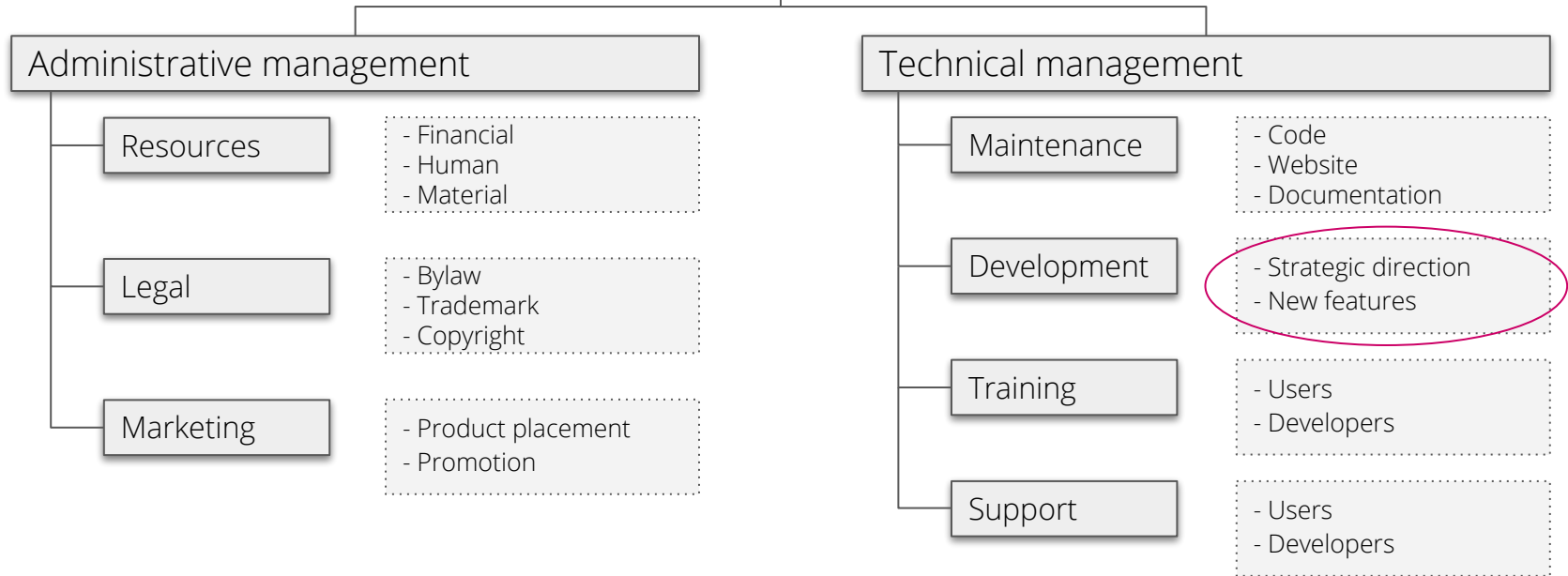
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Strategic direction  
& new features

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## ACADEMIA

- *"I want a product with the latest methods"*
- *"I want to leverage on the community's expertise"*



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- *"I want a reliable product"*
- *"I want to obtain a fast solution"*
- *"I want a product that is easy to integrate into my processes"*

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SU2  
IDS

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Strategic direction  
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- *"I want a product that is well documented"*

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Strategic direction  
& new features

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- *"I want a product that is easy to extend"*
- *"I want my contribution to be used by others"*
- *"I want to get support from other developers"*

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Strategic direction  
& new features

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*"I want SU2 to make my life easier"*

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"I want SU2 to fit my needs"

## ACADEMIA

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**SU2**

Strategic direction  
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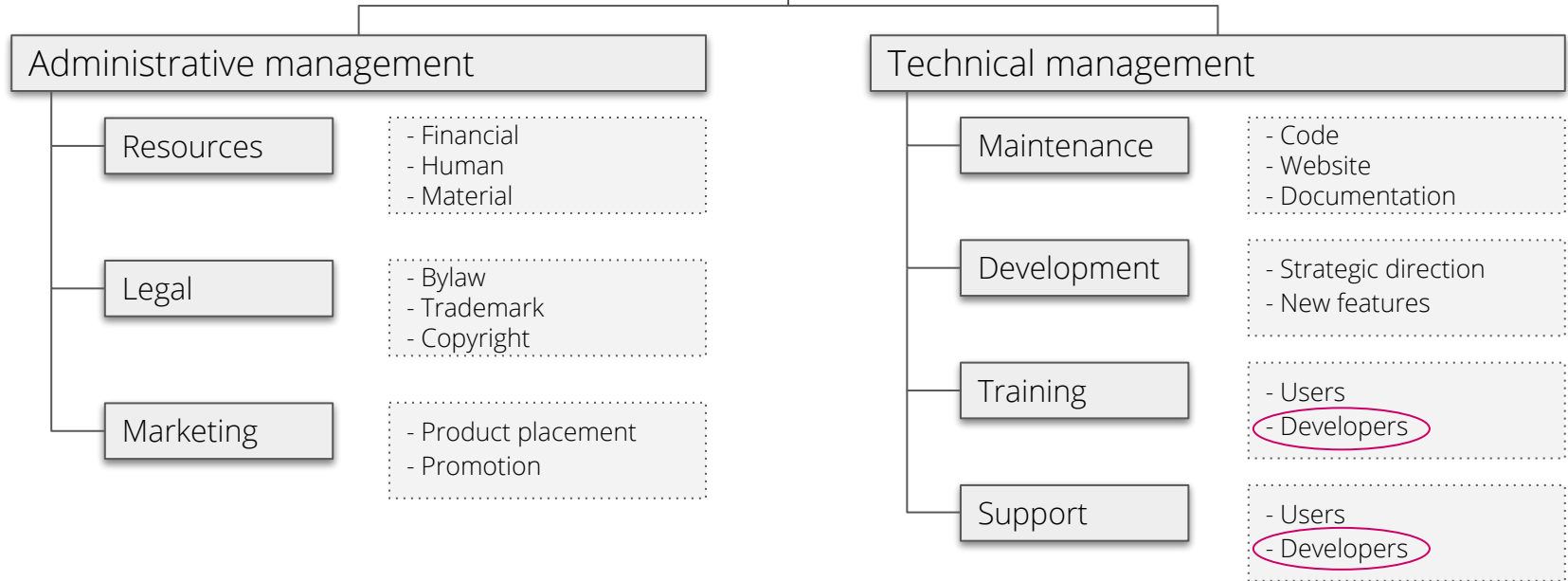
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# SU2



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## TRAINING

- Tutorials
- Courses
- Workshops

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TRAINING

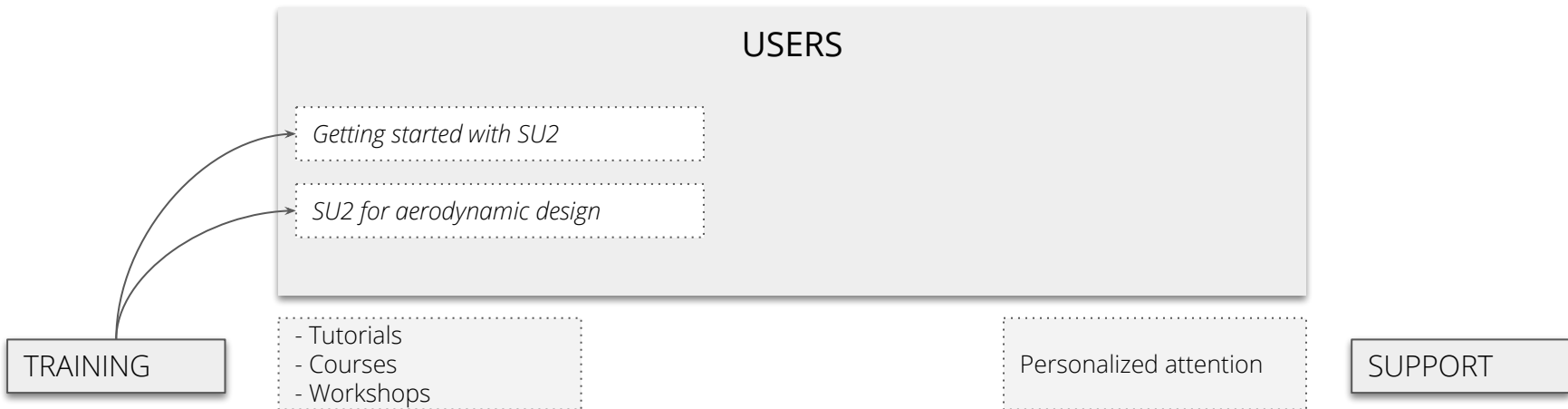
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Personalized attention

SUPPORT

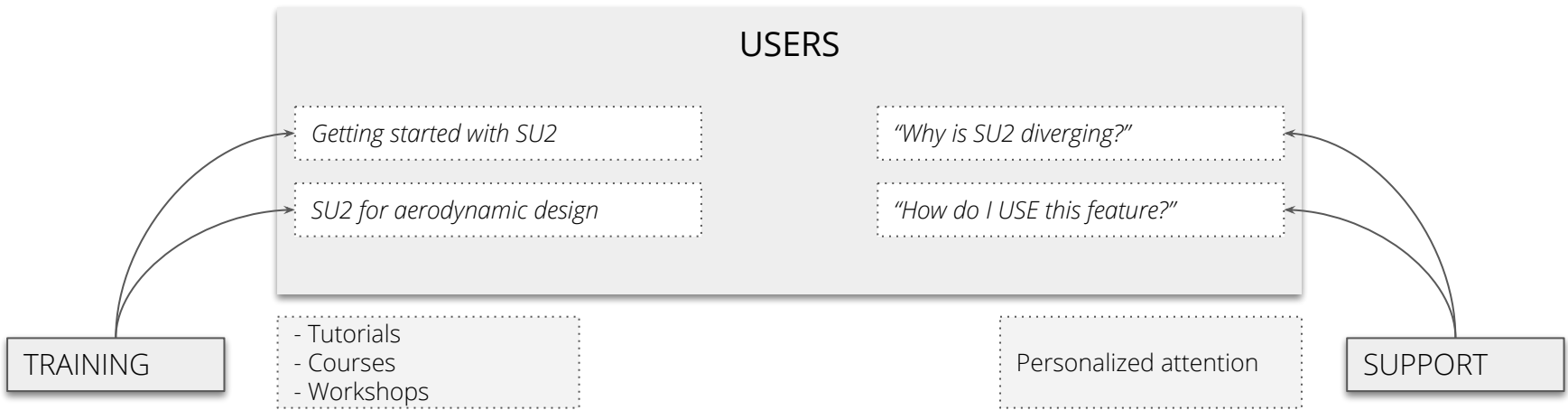
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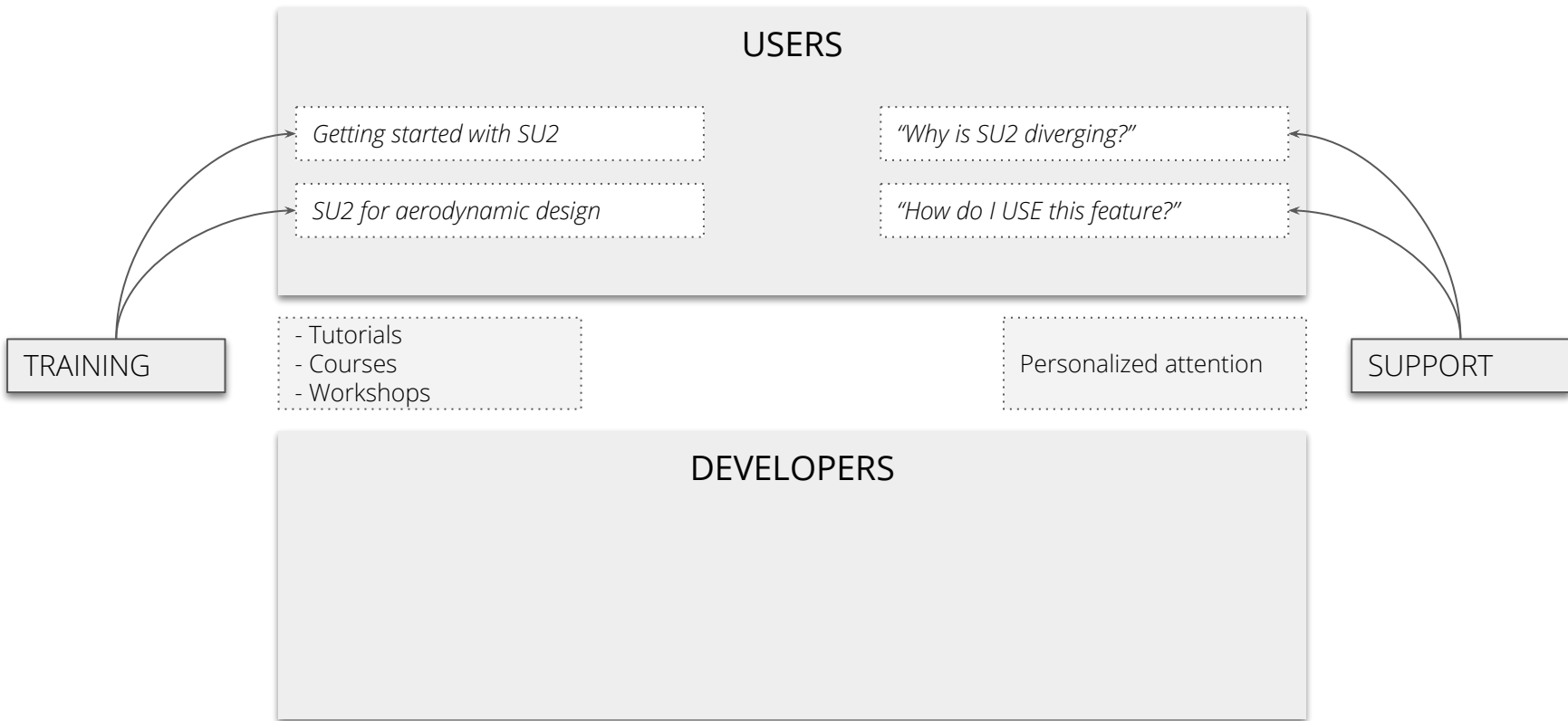
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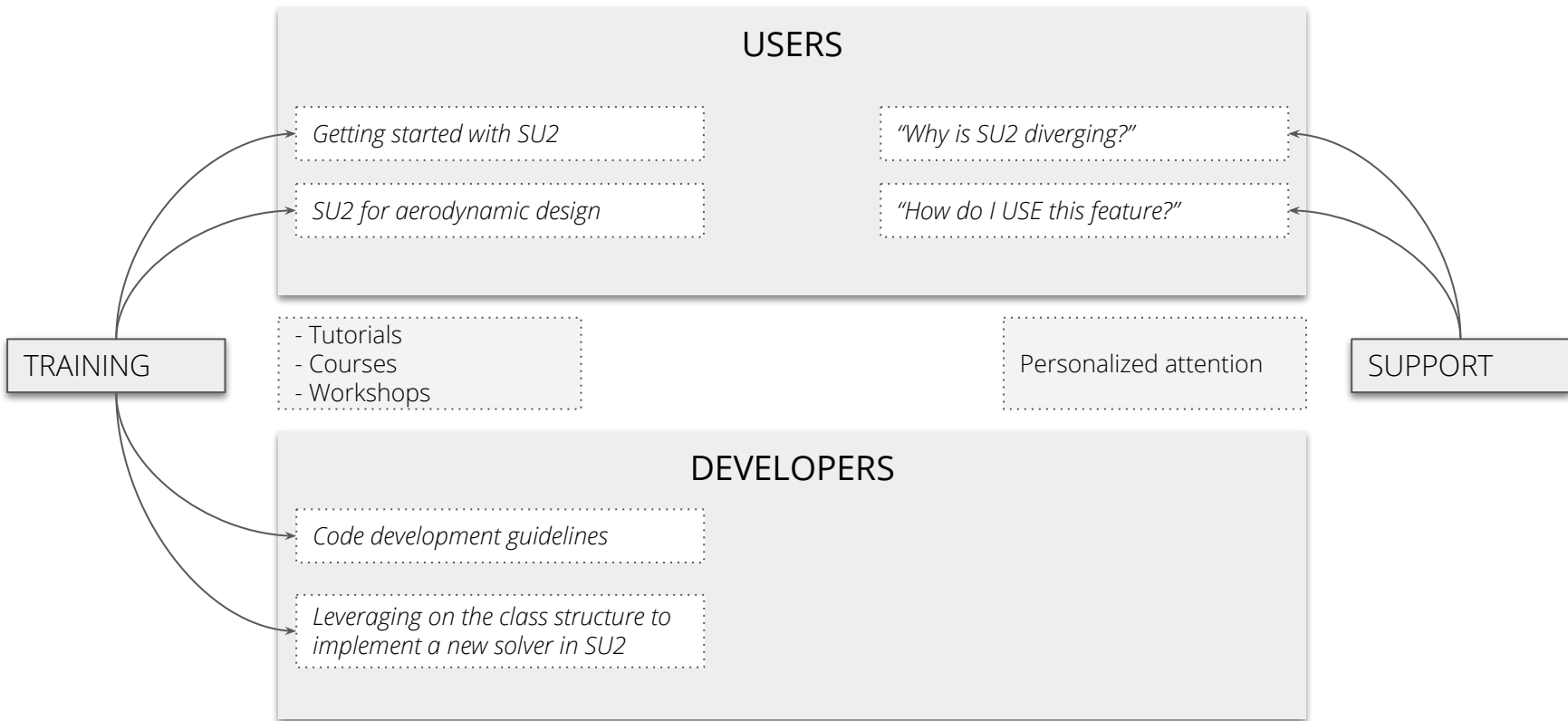
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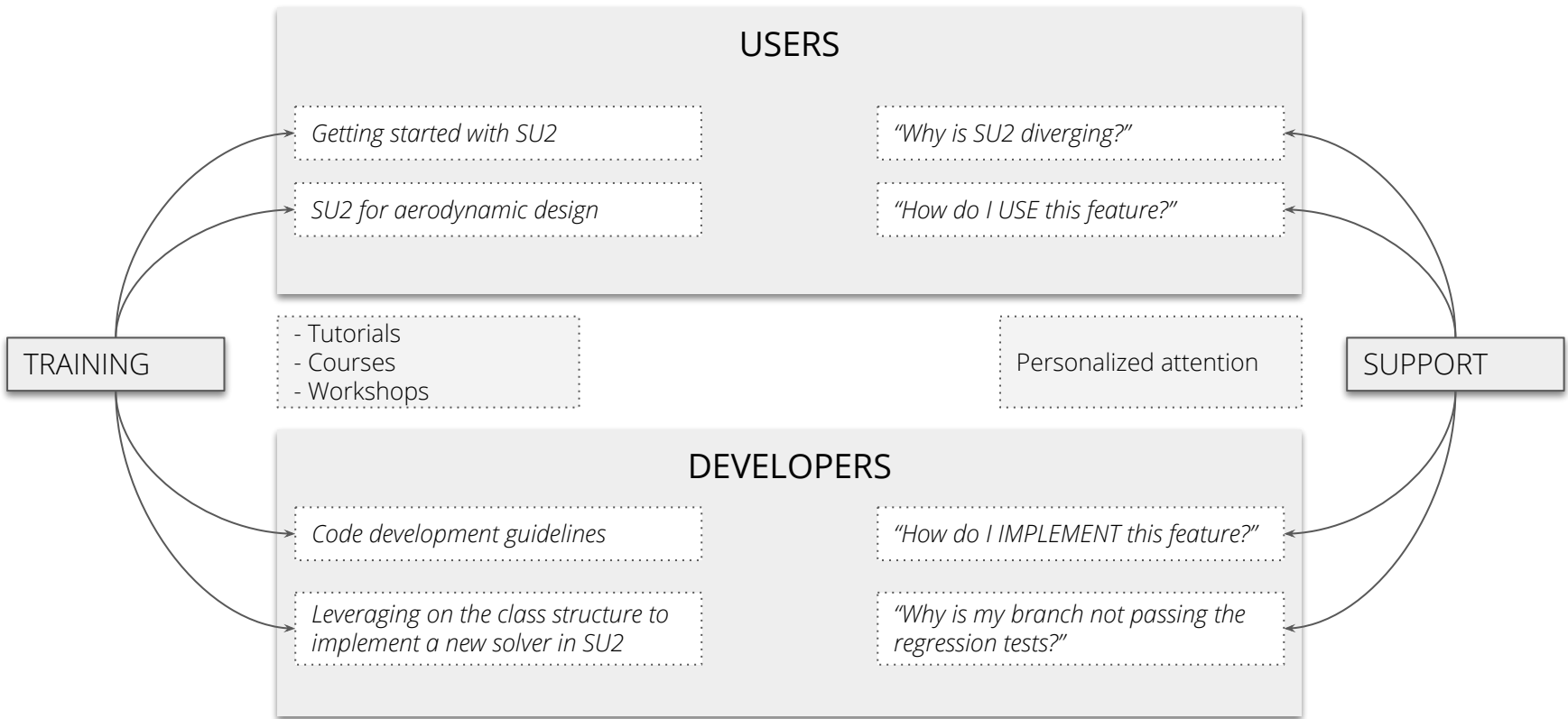
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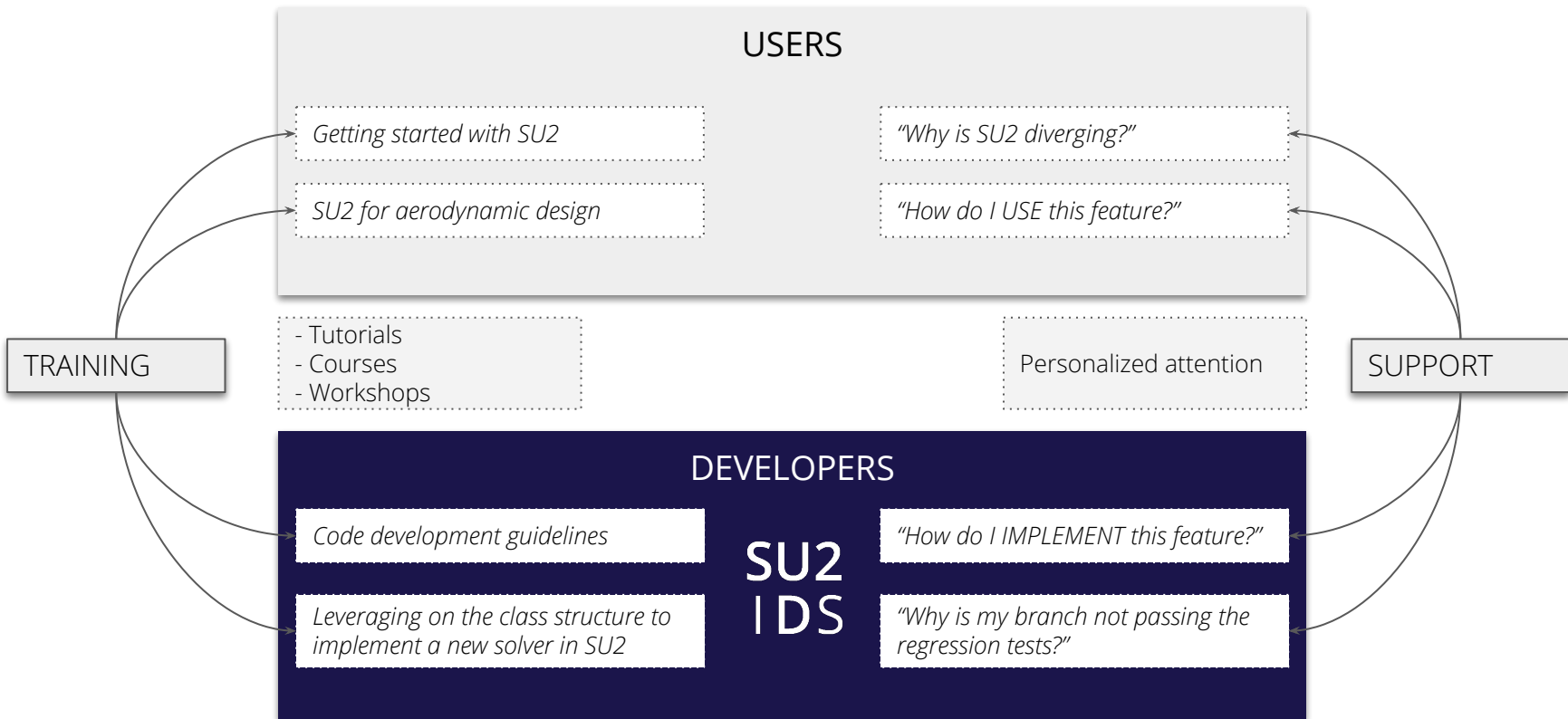
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# Mission of the IDS

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# Mission of the IDS

## Connect

Organize and promote  
the exchange of ideas  
amongst developers

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# Mission of the IDS

## Connect

Organize and promote the exchange of ideas amongst developers

## Inspire

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

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## Represent

Represent the interests of the developers within the SU2 community

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# 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.

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## Encourage technical discussions

- 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.

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# SU2 IDS: Inspiring the growth of SU2

## Connect

Organize and promote the exchange of ideas amongst developers

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# 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!***

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# Membership Grades

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# Membership Grades

## Junior Developer

Open to anyone demonstrating SU2 development.

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# Membership Grades

## 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.

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## 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.

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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.

## Fellow

**Senior developer** (>8 years) with a proven track record and two recommendation letters from current fellows.

Minimum level to be a repo maintainer.

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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.



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Some ideas to obtain \$U2:

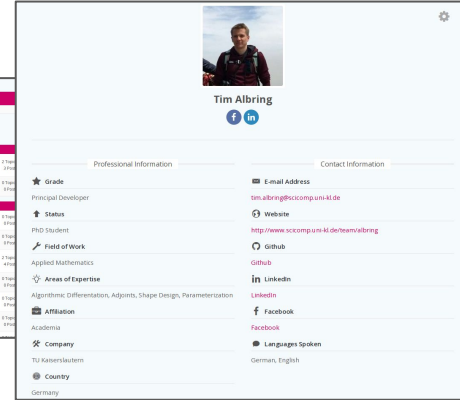
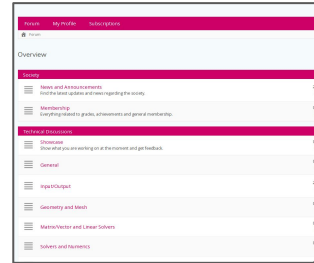
- Forum posts
- Social media posts
- Pull Request (PR) reviews
- Authored tutorials on [su2code.github.io](https://su2code.github.io)
- SU2-based publication
- Authored and merged PR
- Hosting SU2 events

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# Web Portal Features

- The IDS Website ([su2devsociety.org](http://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!**



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# SU2 IDS: Representing the developers

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# 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](mailto:admin@su2devsociety.org)

## Represent

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