

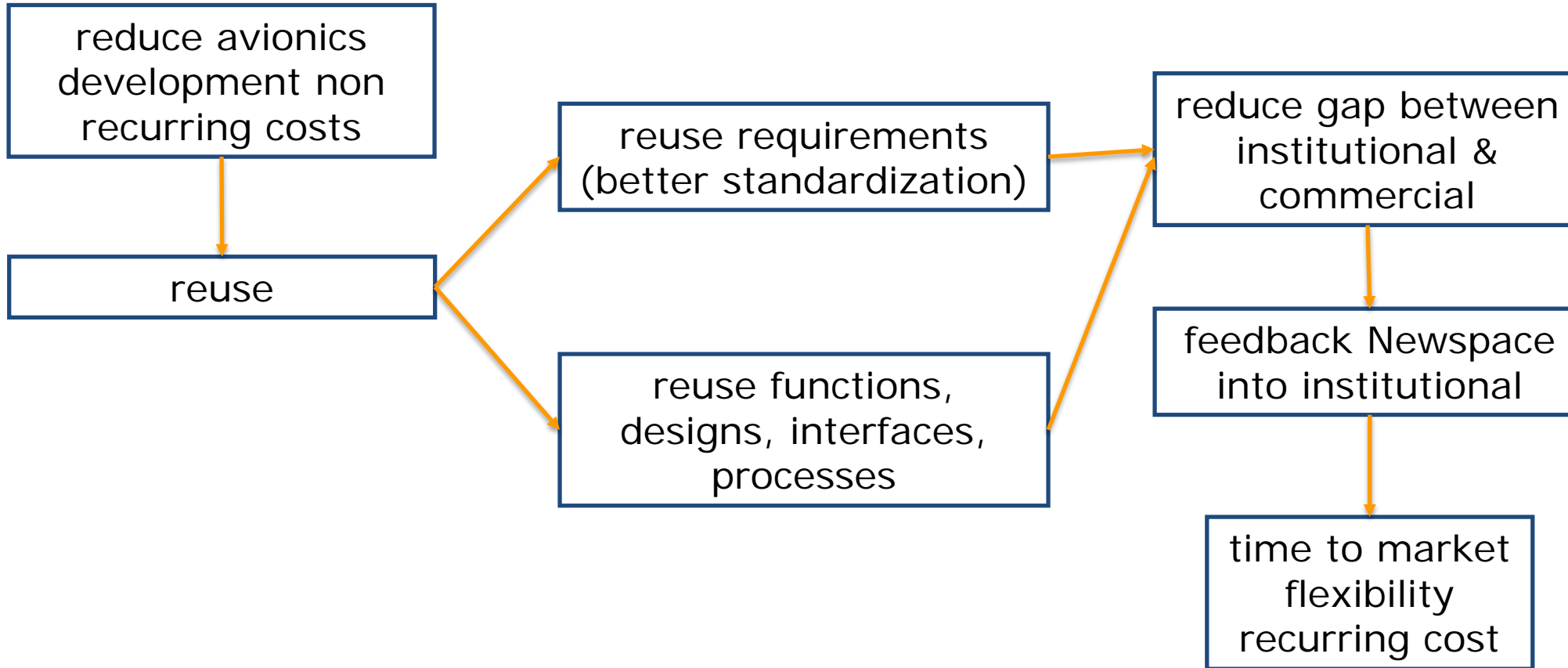
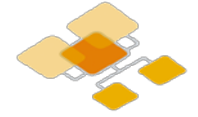


## SAVOIR is USEFUL

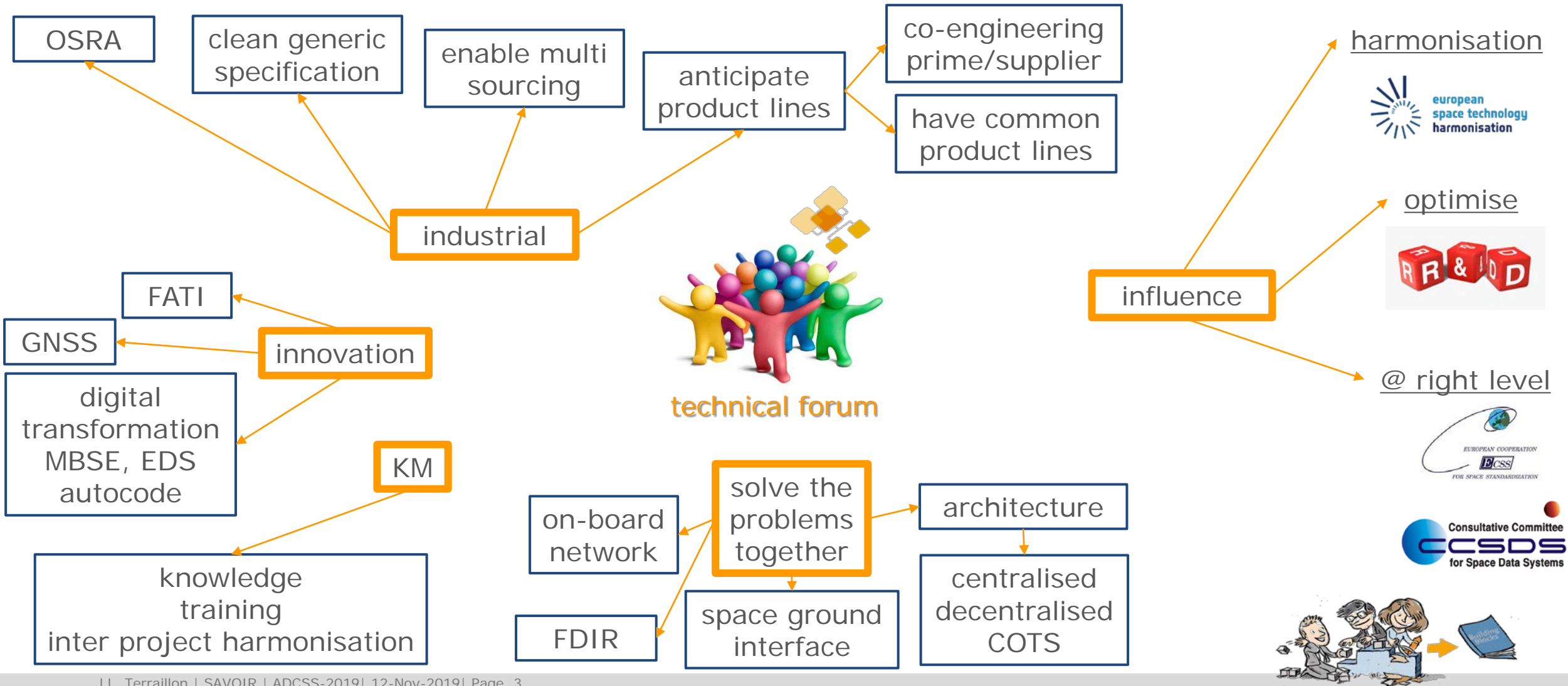
On behalf of the SAVOIR Advisory Group  
Jean-Loup TERRAILLON – ESTEC/TEC-S  
Lead Software Systems Engineer



# Fundamentals of SAVOIR



# SAVOIR is useful





*Space*

*AVionics*

*Open*

*Interface*

*aRchitecture.*



Credit Andreas Jung



# SAVOIR Advisory Group: FEDERATE

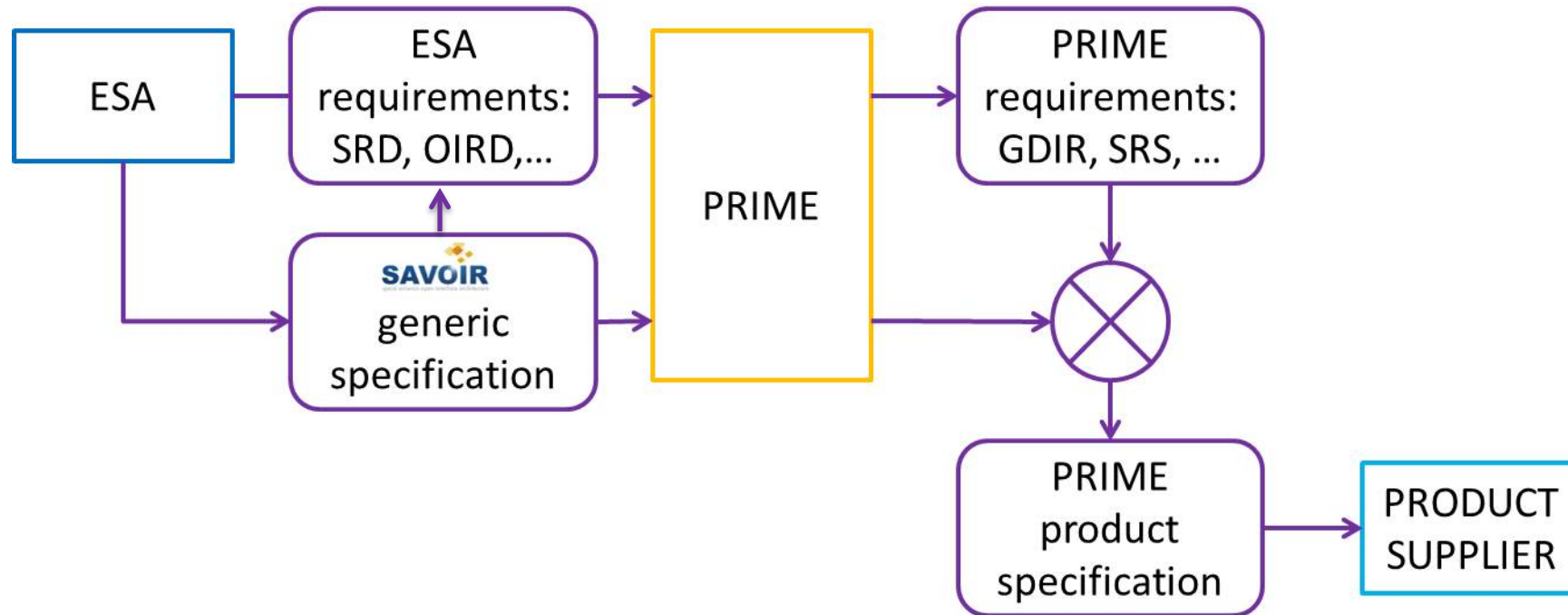




- reference avionics architecture
- interface specifications
  - generally ECSS CCSDS
- functional specification
  - customer SRD
  - product specification
- Knowledge
  - Handbook, training, processes



# Use of SAVOIR documents





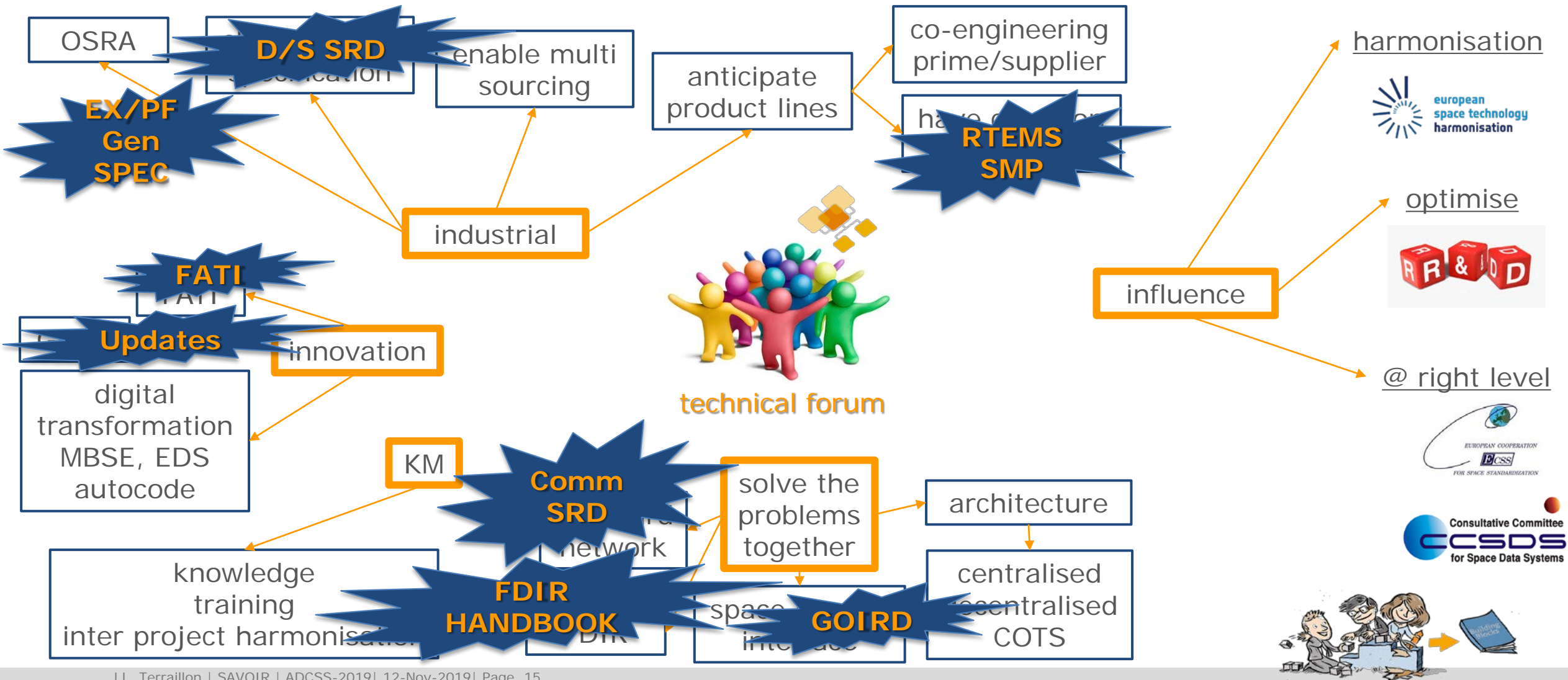
The list is intended to be up to date on:  
<http://savoir.estec.esa.int>

Available documents are released on the Esa Space  
Software Repository  
<http://essr.esa.int>

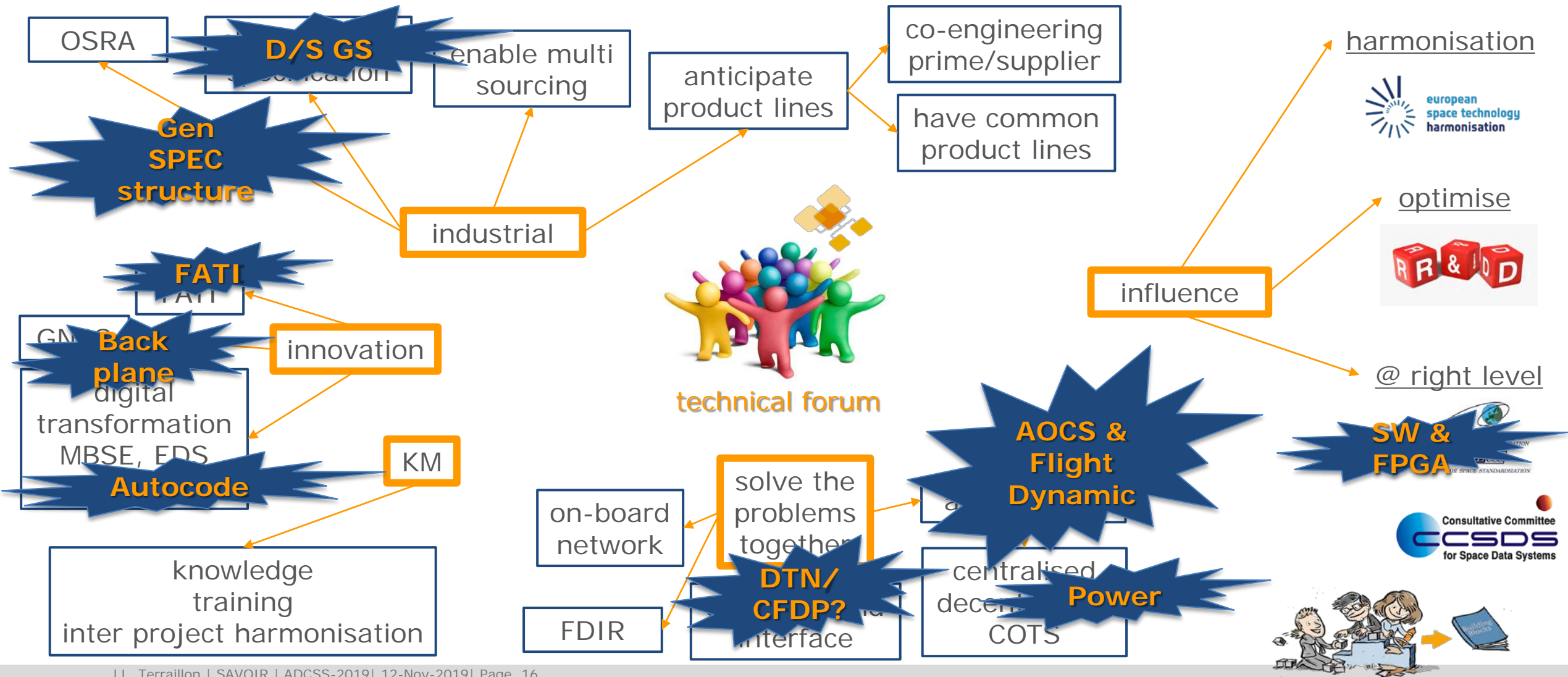




# SAVOIR has been useful in 2019



# SAVOIR will be useful in 2020

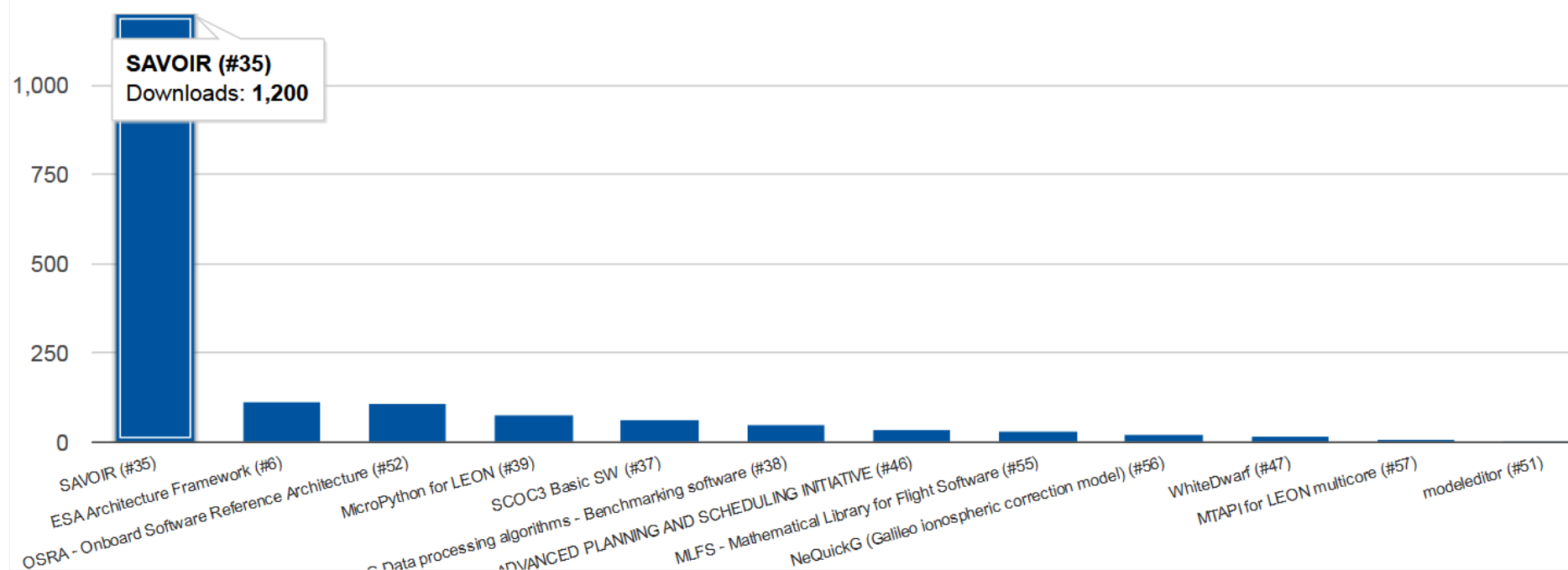




## Projects with Most Downloads - all time

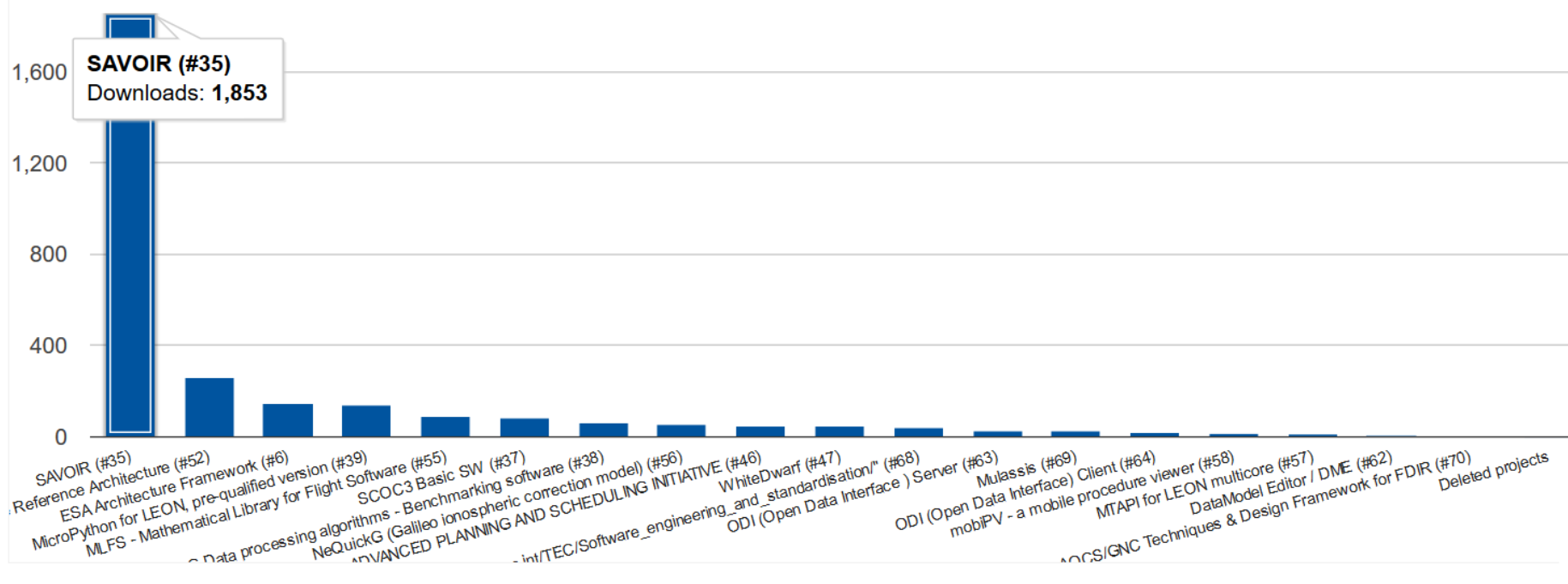
MIN	2	MAX	1200	AVG	144.42	TOTAL	1733
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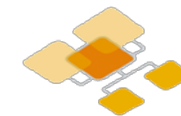
Top 20 projects with most downloads, along with the number of downloads for each.  
The figure stats (min, max, avg, total) refer only to the values represented in the graph.





Top 20 projects with most downloads, along with the number of downloads for each.  
The figure stats (min, max, avg, total) refer only to the values represented in the graph.





- SAVOIR is a continuous Harmonisation group
- producing specification, interface and guidelines
- to save cost and reduce problems with customers and partners
- to stabilize product lines
- open

**Feedback:** [savoir@esa.int](mailto:savoir@esa.int)





- 10:00 FDIR working group
  - 10:20 MASAIS working group
  - 10:35 UNION working group
  - 11:35 FAIRE working group
  - 11:50 AUTOCODE working group
  - 12:10 Attitude and Orbit Control Interface Commonalities
  - 12:25 DTN & CFDP
  - 14:00 A substantial experience in space avionics
  - 14:45 EDS
  - 15:05 Generic OIRD
  - 15:55 FATI
- FATI
- 15:55 Very Integrated Avionic Architecture Roadmap for space application
  - 16:15 FATI-ADS
  - 16:40 FATI-TAS
  - 17:05 Brave Large processing board



# Contact



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<http://savoir.estec.esa.int>

<http://essr.esa.int>



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- Frank Dannemann – DLR
- Rémi Roques – AirbusDefence&Space
- Brice Delandrea – ThalesAleniaSpace
- Bernard Bruenjes- OHB
- Carsten Jørgensen – Terma
- Patrik Sandin – RUAG
- Damien PIOT– Sodern

