Ground segments

SCALAGENT
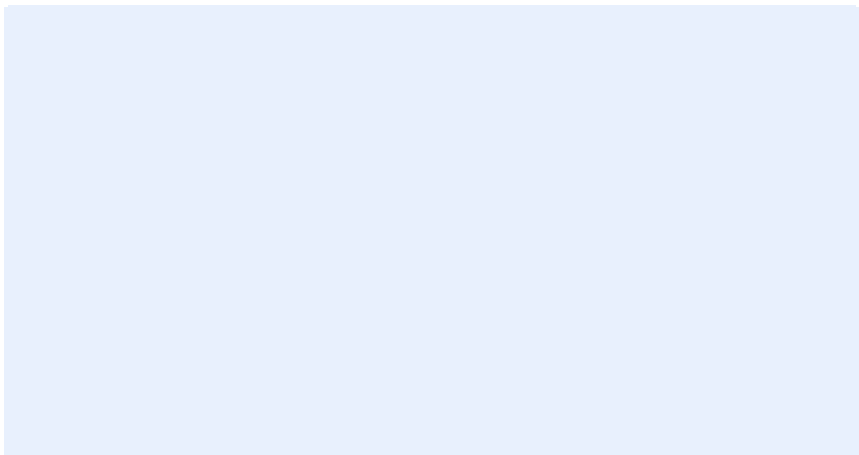Distributed Technologies

ScalAgent DT is an independent software vendor, expert in asynchronous middleware.

ScalAgent DT provides middleware products and expertise to help you in designing and prototyping your distributed systems.

COMPETENCIES & CAPABILITIES

We have initiated, in close cooperation with CNES, the space industry standard CCSDS MAL. We have also designed MAL/JORAM, a reference implementation of this standard.

We are experts of the CCSDS MAL standard and of other related MAL services standards. As such we have participated to a lot of prototyping of those standards.

ScalAgent D.T.

PRODUCTS&SERVICES

ScalAgent DT is an independent software vendor, expert in asynchronous middleware. Our main offering is the JoramMQ product, a multi protocol MOM compliant with various standards (JMS, AMQP, MQTT, REST, ...).

We also promote our expertise through various services, such as architecture design, reviews, prototyping, of distributed systems.

MAJOR SPACE PROJECTS & REFERENCES

We are working in the context of the CCSDS since 2006:

- study, development and discussions leading to the CCSDS MAL standard; reference implementation of the standard in java

- definition of a standard Java API to the CCSDS MAL

- definition of a standard C API to the CCSDS MAL; reference implementation in C over ZMQ

- contribution to and/or prototyping of various CCSDS standards: COM, Common, SPP encoding, TGFT

- MAL conformity study of a product for the CNES

POINT OF CONTACT

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TURNOVER   0,2 M€

WORK FORCE 2 employees

SPACE TURNOVER   0,1 M€

SPACE WORK FORCE   2 employees