| A shareable service, should be compliant with **CSPA 2.0** principles.  The main architecture components should be designed according to the following model:  • **Core logic**: the core algorithm implemented by the service.  • **Features**: a set of components (not only software) that take into account specific requirements from different stakeholders (e.g. IT, methodology, domain experts, etc.) and allow the execution of the service in several environments. | Following the ESS Vision 2020, the I**3**S (Integrating Shared Statistical Services) project aims at implementing and reusing statistical services.  The development of shareable services can be either from scratch, or from existing components.  **Project2**  Project1 |  | cid:FF0C5DD7075E7D43BCF4E4A2C0F6F5C8@ec.europa.eu  ESSnet  I3S logo  Implementing  Shared  Statistical Services  http://www.cros-portal.eu/ |
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| **Service description** The first version of Relais dates back to 2007. The toolkit was designed as a standalone software running on desktop computer.  It is developed in Java and runs R programs to perform different methods for record linkage.  During the ESSnet, Relais was selected for the relevance of data integration in the statistical process.  Starting from existing components, the goal was to re-engineer Relais as shareable service. Core Logic The original version of Relais allows to perform different methods for record linkage. Due to the methodological relevance, the activities started from the probabilistic linkage.  The new version of Relais performs the probalilistic linkage approach, based on the Fellegi-Sunter method.  In the near future, the core logic will be enhanced by implementing the deterministic method. | **RELAIS**  **RE**cord **L**inkage **A**t **Is**tat  Relais is a software designed and developed to solve record linkage problems based on the belief that a record linkage process is structured in sub-phases that can be combined together in order to obtain the best process for the data being processed. | Main Features • Documentation: description of new Relais architecture on GitHub https://github.com/mecdcme/is2/tree/master/doc  • Internationalization: the application is available both in Italian and English.  • Open source: the source code is available on GitHub: <https://github.com/mecdcme/is2/>  • The metadata model is based on the following GSIM concepts: Variable, Data Set, Method, Rule, Process Input/Output, Process step, Business process, Business Function    **Contacts**  If you are interested in the sharable services developed as part of this project, please contact: Franck Cotton, expert in the information system, Directorate of INSEE.  email: [franck.cotton@insee.f](mailto:franck.cotton@insee.f)r |
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