



Figure 4. An example of a specification of a reusable ostis-systems component

The OSTIS Metasystem acts as the **maternal system** for all ostis-systems being developed, since it contains all the basic components for their development (Figure 5).

Functionality of any *library of reusable ostis-systems components* (see [24]):

- storage of reusable ostis-systems components and their specifications. At the same time, some of the components specified within the library may be physically stored elsewhere due to the peculiarities of their technical implementation (for example, the source texts of the ostis-platform may be physically stored in some separate storage, but they will be specified as a component of the corresponding library). In this case, the specification of the component within

the library should also include a description of (1) the where the component is located and (2) the scenario of its automatic installation in a child ostis-system;

- viewing available components and their specifications, as well as searching for components by fragments of their specification;
- storage of information about components use statistics. For example, in which *child ostis-systems* which of the library components and which version are used (are downloaded). This is necessary to take into account the demand for a particular component, to assess its importance and popularity;
- systematization of reusable *ostis-systems components*;
- provision of versioning of *reusable ostis-systems*