

# DARIAH Service Life Cycle

## AG Prozesse und Dienste

### States in the development of a new service

During the development a service will pass through a chain of stages determining the service life cycle. A (formal) decision is required to transfer a service from one state to another.

#### PROPOSAL state

The Service is proposed/described.

A DARIAH Mentor will be assigned by AG P&D to prepare the decision, if the service may be integrated into the DARIAH infrastructure. The Mentor will escort the service during its life cycle until it reaches either the states PRODUCTION or is being terminated, e.g. moved to the "Good Idea's Archive" (*KILL or ZOMBIE State* ;-).

A decision by Executive and/or Steering Board is required, whether the service is worth being developed with support of the DARIAH infrastructure → DEVELOPMENT or, if not → "Good Idea's Archive". AG P&D will prepare the recommendation.

#### DEVELOPMENT state

The service is iteratively being developed, deployed locally in the development environment and tested. The Mentor supports the development process and is responsible for using and integration of existing DARIAH services. A manual, fact sheet and user guide has to be developed. After meeting all requirements the Mentor decides the transfer to the next state → TESTING.

#### TESTING state

During TESTING the service has to be deployed on the DARIAH Platform or Infrastructure Service (see 2 or 3 above). The service is beta-tested by DARIAH communities and scholars/researchers. After successful tests the Mentor may decide the transfer to the state HANDOVER or, in case of required revisions, back to the state DEVELOPMENT.

#### HANDOVER state

In the HANDOVER state a quality assurance including the information/requirements of the "hosting factsheet" is performed. The service, the software and its according documentation is reviewed by the "DARIAH Service Hosting Team". If OK the service will be recommended as a DARIAH hosted software service to be deployed on the Software Hosting Services (see 1 above).

The Executive and/or Steering Board will decide if the service will go into PRODUCTION if recommended by AG P&D.

Otherwise the service will go back into DEVELOPMENT or further into the state "Good Idea's Archive".

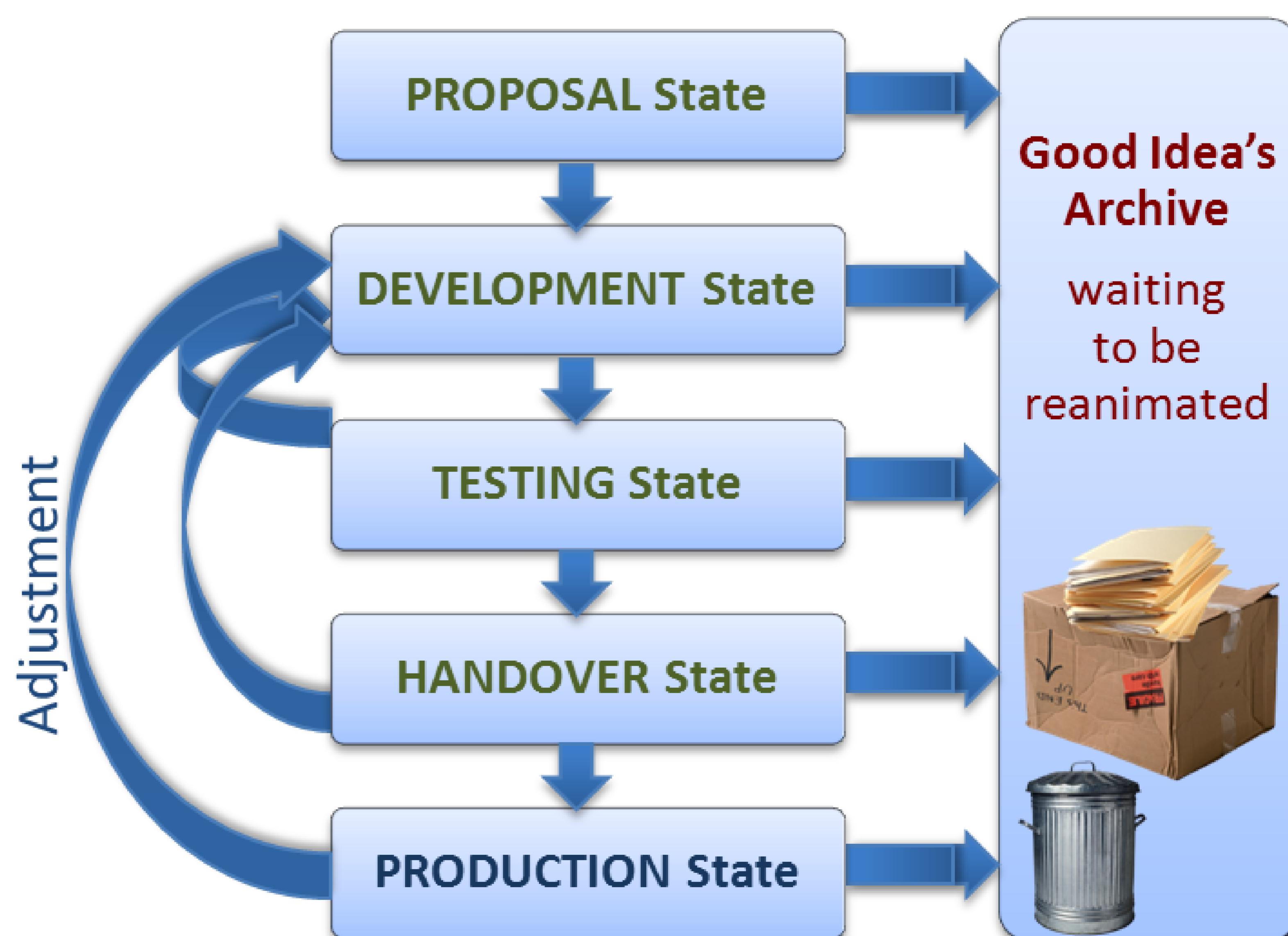
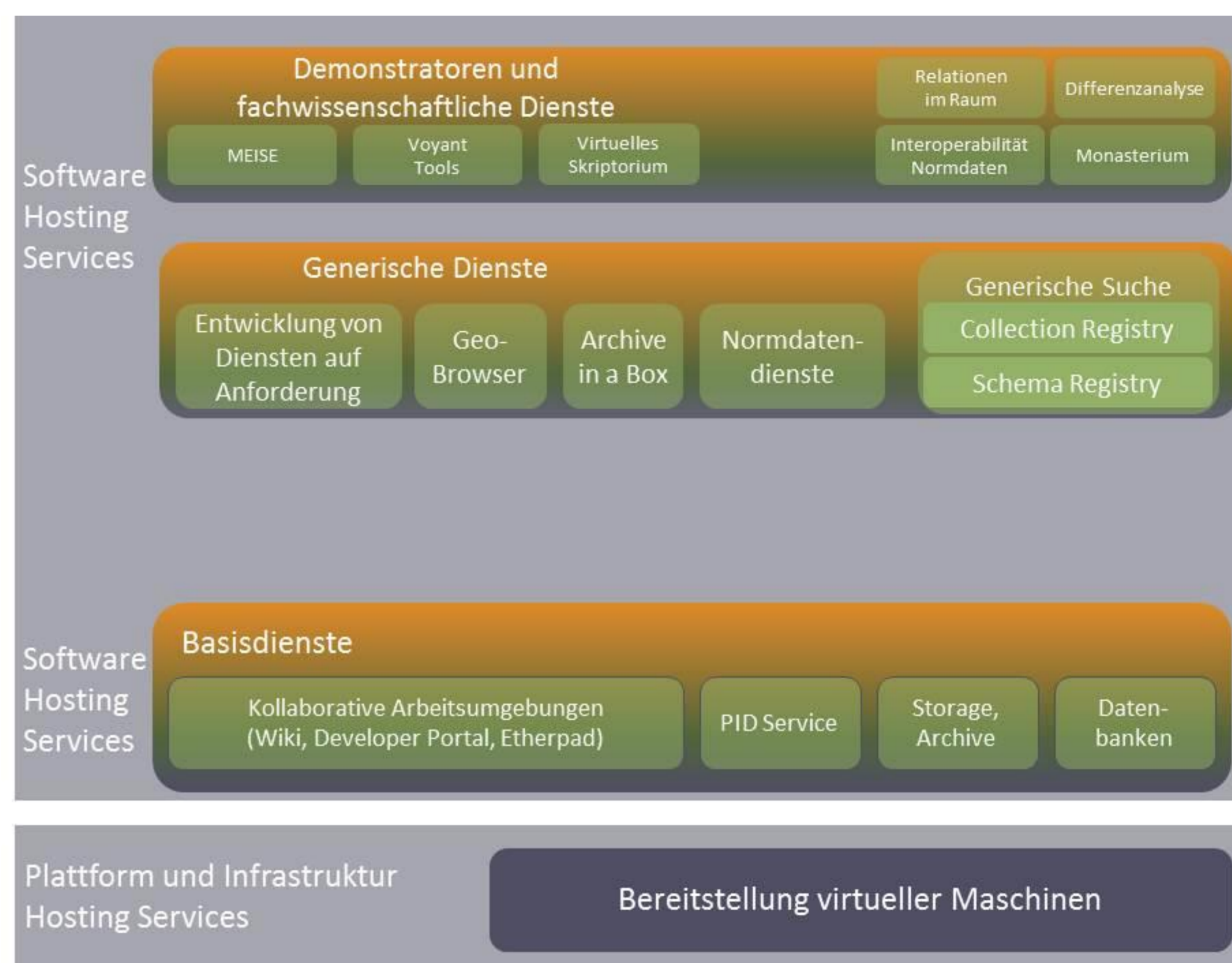
#### PRODUCTION state

In PRODUCTION the service is deployed and hosted in the Software Hosting Services and maintained by DARIAH, the "DARIAH Service Hosting Team". DARIAH is responsible for the service and its marketing. Users use the service according to the DARIAH "Terms of Use".

During maintenance the service may be further developed and transferred back to the DEVELOPMENT state.

#### "Good Idea's Archive"

Reformulation of the former state KILLED. Maybe some service ideas will be used in further proposals.



The **Mentor** will be selected by AG P&D.

#### Decision Bodies

To transfer a service from one state to another a (formal) decision is required. AG P&D prepares the decisions for Xfer to the PRODUCTION state. The Steering/Executive Committee will decide.

#### DARIAH Service Hosting Team and Costs

The "DARIAH Service Hosting Team" needs to be defined. Hosting and maintaining services and infrastructure requires person-power permanently and create fixed costs which have to be considered in the following proposals.