



D3.2 EUBrazilOpenBio Software Platform Core

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Author(s): Leonardo Candela (CNR), Vinod Rebello (UFF)

Reviewer(s): Erik Torres, Ignacio Blanquer (UPVLC)



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This document contains information on core activities, findings, and outcomes of EUBrazilOpenBio project, and in some instances, distinguished experts forming part of the project's Strategic Advisory Board. Any references to content in both website content and documents should clearly indicate the authors, source, organization and date of publication.

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Deliverable Documentation

D3.2 EUBrazilOpenBio Software Platform Core consists of the collection of software artifacts that will be produced during the project timeframe as the result of Task 3.3. These software artifacts together with the other software artifacts resulting from Task 3.4 (Deliverables D3.3 Niche Modeling Services and D3.4 EUBrazilOpenBio Software Platform Extensions) will realize the EUBrazilOpenBio Software Platform. According to what is presented in D3.1, the whole software development activity is continuous and governed by an “Agilish”¹ development methodology, meaning that software is produced through a number of subsequent yet short software development lifecycles. As a consequence of this:

- the list of software components that forms the EUBrazilOpenBio Software Platform is expected to change during the lifetime of the project as a consequence of the analysis of user requirements derived from the two use case specifications (D2.1), the availability and characteristics of resources within the EUBrazilOpenBio infrastructure (D4.1) as well as from the feedback resulting from the early exploitation of the released software artifacts through services hosted by the EUBrazilOpenBio infrastructure;
- multiple versions of the same software component will be produced during the project lifetime to gradually enrich the set of facilities offered, to revise the way a given facility is implemented to better meet the requirements or as a consequence of bug fixing.

This deliverable is thus expected to be **continuously updated**. It is implemented by relying on a tool that enables the list of software artifacts to be update dynamically, provides users with the latest version of what has been released and developers with a history of changes. The deliverable is mainly realized as a wiki linking the software artifacts residing in a software repository and the related documentation. It is available as an extension (“Software Products” section) of the Wiki page initially created for D3.1:

http://wiki.eubrazilopenbio.eu/index.php/Development_Planning_and_Coordination#Software_Products

The decision to go for a single page is driven by the goal to provide the user with a single point of access to the plan governing software development as well as to the ongoing results of this activity.

¹ Referring to no specific Agile development platforms, but to the general idea of quickly responding to changes in requirements.