


# Release Notes

- [Overview](#)
- [What's New](#)
  - [Triple Pattern Fragments \(TPF\)](#)
  - [Multi-Lingual Improvements](#)
  - [Externalized Search Index](#)
  - [ORCID API](#)
  - [Docker](#)
  - [Publication Claiming](#)
- [Issues Resolved](#)
  - [Sub-task](#)
  - [Bug](#)
  - [New Feature](#)
  - [Task](#)
  - [Improvement](#)
  - [Code Task](#)
  - [Documentation](#)
- [Release Managers](#)
- [Contributors](#)

## Overview

Please review the upgrade notes carefully

 Upgrading to VIVO 1.11.0 from a previous version of VIVO should not require a data migration, but does require the new installation to have a standalone Solr server. See installation notes for details.

There are no ontology changes, and data produced by 1.11.0 is compatible with 1.6 - 1.9 (and vice versa). It is not required to upgrade to this release prior to subsequent releases. Please see [Upgrading VIVO](#) for more details.

## What's New

### Triple Pattern Fragments (TPF)

TPF presents a lightweight means of obtaining triples from a linked data application as a web service, with very low overhead, and high reliability (it only pattern matches for triples, there are no arbitrary complex queries, so individual requests can not have a high impact on the server). Since the TPF endpoint does not currently enforce visibility settings for classes or properties set in VIVO, the service is turned off by default. In order to enable the TPF endpoint, a "tpf.activeFlag" property must be added to the runtime.properties file with a value of "true". For this property to take effect, the Tomcat server must be restarted.

```
tpf.activeFlag = true
```

See [Triple Pattern Fragments](#)

[VIVO-1614](#) - Getting issue details... [STATUS](#)

### Multi-Lingual Improvements

Several additions and improvements have been made to VIVO's internationalization (i18n). Most notably, the German language translation has been added to the VIVO and Vitro language repositories, and the [Internationalization](#) configuration documentation has been updated by community users.

[VIVO-1524](#) - Getting issue details... [STATUS](#)

[VIVO-1630](#) - Getting issue details... [STATUS](#)

[VIVO-1659](#) - Getting issue details... [STATUS](#)

[VIVO-1661](#) - Getting issue details... [STATUS](#)

### Externalized Search Index

This release takes another step towards the longer-term goal of modularizing and decoupling VIVO components. In order to allow VIVO to use the latest versions of Solr that may be hosted centrally, this release no longer deploys with a bundled search index, but rather provides for connecting to an external one. As a part of this update, early (non-production) testing has been explored around supporting Elasticsearch as an alternative to Solr.

See [configuration instructions](#).

[VIVO-1587](#) - Getting issue details... [STATUS](#)

[VIVO-1589](#) - Getting issue details... [STATUS](#)

[VIVO-1592](#) - Getting issue details... [STATUS](#)

[VIVO-1596](#) - Getting issue details... [STATUS](#)

[VIVO-1600](#) - Getting issue details... [STATUS](#)

[VIVO-1612](#) - Getting issue details... [STATUS](#)

## ORCID API

This release includes an improvement to the ORCID integration that streamlines the process of connecting a VIVO profile with the associated ORCID profile based on whether the VIVO installation is using the 'public' or 'member' ORCID API.

The following elements have been added to the `runtime.properties` configuration:

```
orcid.apiLevel = public | member
```

[VIVO-1670](#) - Getting issue details... [STATUS](#)

## Docker

In conjunction with the effort to modularize and decouple VIVO components, this release also demonstrates that modularization by establishing Docker infrastructure for deploying the following modules as separate containers:

- Solr
- MariaDB
- VIVO webapp

The [vivo-docker2](#) can be cloned and deployed with custom configuration.

```
$ docker-compose up
```

[VIVO-1679](#) - Getting issue details... [STATUS](#)

[VIVO-1680](#) - Getting issue details... [STATUS](#)

[VIVO-1682](#) - Getting issue details... [STATUS](#)

[VIVO-1685](#) - Getting issue details... [STATUS](#)

## Publication Claiming

New functionality drawn from [OpenVIVO](#) has been added in the 1.11.0 release for claiming publications from both PubMed and CrossRef. To use these features:

1. Log in to VIVO with the ability to edit
2. Go to a profile and verify the options for claiming are there
3. Click on the claiming links - you should be claiming articles for the profile that you came from
4. Enter IDs, check that the publications are returned as expected, and confirming creates new publications and user links (note that if the DOI or PMID is already present, then the claim interface will return the existing publication from VIVO, not the external metadata)

5. Go to a co-author profile and claim the publication for them, verifying that the publication now links them as an author.

VIVO-1415 - Getting issue details... STATUS

# Issues Resolved

## Sub-task

key	summary	type	created	updated	due	assignee	reporter	priority	status	resolution
Jira project doesn't exist or you don't have permission to view it. <a href="#">View these issues in Jira</a>										

## Bug

key	summary	type	created	updated	due	assignee	reporter	priority	status	resolution
Jira project doesn't exist or you don't have permission to view it. <a href="#">View these issues in Jira</a>										

## New Feature

key	summary	type	created	updated	due	assignee	reporter	priority	status	resolution
Jira project doesn't exist or you don't have permission to view it. <a href="#">View these issues in Jira</a>										

## Task

key	summary	type	created	updated	due	assignee	reporter	priority	status	resolution
Jira project doesn't exist or you don't have permission to view it. <a href="#">View these issues in Jira</a>										

## Improvement

key	summary	type	created	updated	due	assignee	reporter	priority	status	resolution
<p>Jira project doesn't exist or you don't have permission to view it.</p> <p><a href="#">View these issues in Jira</a></p>										

Code Task

key	summary	type	created	updated	due	assignee	reporter	priority	status	resolution
<p>Jira project doesn't exist or you don't have permission to view it.</p> <p><a href="#">View these issues in Jira</a></p>										

Documentation

key	summary	type	created	updated	due	assignee	reporter	priority	status	resolution
<p>Jira project doesn't exist or you don't have permission to view it.</p> <p><a href="#">View these issues in Jira</a></p>										

Release Managers

[Ralph O'Flinn](#) , University of Alabama, Birmingham

Contributors

- [alessandro galasso](#)
- [Andrew Woods](#)
- [Brian Lowe](#)
- [Christian Hauschke](#)
- [Don Elsborg](#)
- [Kitio Fofack](#)
- [Graham Triggs](#)
- [Harry Thakkar](#)
- [Svantje Lilienthal](#)
- [Laura Wrubel](#)
- [Manuel Schwarz](#)
- [Benjamin Gross](#)
- [Mike Conlon](#)
- [Ralph O'Flinn](#)
- [Stefan Wolff](#)
- [William Welling](#)