

# Installation options

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These options can make VIVO more scalable, add features, or run VIVO in a different environment.

## [Linking user accounts to VIVO profile pages](#)

Configure VIVO so each user can edit their own profile page.

## [Running VIVO behind an Apache server](#)

Add a reverse proxy, to add a layer of security, allow fine control over your site's URL, and provide a layer for additional network modules.

## [Using an external authentication system](#)

VIVO can be configured to work with an external authentication system like Shibboleth or CUWebAuth.

## [Tuning the database connection pool](#)

The number of database connections can affect VIVO's speed.

## [Using a different data store](#)

VIVO can work with databases like Oracle or SQL Server, or with external triple stores.

## [Developers' installation: obtaining VIVO source code from Git](#)

Some people prefer to work with the very latest source code.

## [Building VIVO in 3 tiers](#)

Add a third layer to the VIVO distribution, to keep all of your modifications in one place.

## [Building a VIVO distribution for other servlet containers](#)

Some sites prefer to use a container like GlassFish or JBoss, instead of Tomcat

## [Adding OpenSocial gadgets to VIVO](#)

Instructions for connecting VIVO and Open Research Networking Gadgets

## [VIVO in a language other than English](#)

VIVO can display pages and data in different languages.

## Other installation options

An assortment of installation options that aren't necessary for your first installation, but might be helpful later.