

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM677796

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT OF THE ENTIRE INTEREST AND THE GOODWILL		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
HarperCollins Christian Publishing, Inc.		05/08/2020	Corporation: TENNESSEE
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	Gospel Technologies, LLC		
<b>Doing Business As:</b>	DBA Olive Tree or Olive Tree Bible Software		
<b>Street Address:</b>	40808 N Madison Rd		
<b>City:</b>	Elk		
<b>State/Country:</b>	WASHINGTON		
<b>Postal Code:</b>	99009		
<b>Entity Type:</b>	Limited Liability Company: WASHINGTON		
<b>PROPERTY NUMBERS Total: 3</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Registration Number:</b>	3503746	OLIVE TREE	
<b>Registration Number:</b>	4804152	OLIVE TREE	
<b>Registration Number:</b>	4804167	OLIVE TREE THE BIBLE STUDY APP	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	5093267503		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>			
<b>Phone:</b>	509-326-7500		
<b>Email:</b>	jpgrewe@goregrewe.com		
<b>Correspondent Name:</b>	Joshua P. Grewe		
<b>Address Line 1:</b>	103 E Indiana Ave		
<b>Address Line 2:</b>	Ste A		
<b>Address Line 4:</b>	Spokane, WASHINGTON 99207		
<b>NAME OF SUBMITTER:</b>	Joshua P. Grewe		
<b>SIGNATURE:</b>	/s/ Joshua P. Grewe		
<b>DATE SIGNED:</b>	09/29/2021		
<b>Total Attachments: 11</b>			
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## INTELLECTUAL PROPERTY ASSIGNMENT

This INTELLECTUAL PROPERTY ASSIGNMENT (this "Assignment") is made and entered into as of May 8, 2020 (the "Effective Date"), by and between HarperCollins Christian Publishing, Inc. ("Assignor"), a Tennessee corporation and Gospel Technologies LLC ("Assignee"), a Washington limited liability company.

**WHEREAS**, Assignor and Assignee have entered into that certain Asset Purchase Agreement, dated as of even date herewith (the "Purchase Agreement"); and

**WHEREAS**, in connection with the Purchase Agreement, the parties to the Purchase Agreement desire that Assignor transfer to Assignee all of the right, title and interest of Assignor in and to the patents, patent applications, trademarks, trademark applications (in each case, together with all goodwill associated therewith and symbolized thereby in each case), copyrights, copyright applications and domain names set forth on Attachment A attached hereto (the "Assigned IP"); and

**WHEREAS**, Assignee wishes to acquire all of Assignor's right, title and interest in and to the Assigned IP, and Assignor wishes to assign such right, title and interest in and to such Assigned IP to Assignee.

**NOW, THEREFORE**, in consideration of the premises and the mutual covenants, representations and warranties contained herein and in the Purchase Agreement of even date and intending to be legally bound hereby, the parties hereto agree as follows:

1. Transfer of Assigned IP. Assignor does hereby grant, bargain, sell, transfer, convey, assign, alienate, release and deliver to Assignee and its successors and assigns, and Assignee does hereby accept, all of Assignor's right, title and interest in and to the Assigned IP together with all causes of action and enforcement rights, whether currently pending, filed, or otherwise, for the Assigned IP, including all rights to damages, injunctive relief and other remedies for past, current and future infringement of the Assigned IP.

2. Further Assurances. Assignor covenants and agrees that, at any time and from time to time upon the request of Assignee, Assignor shall provide any further necessary documentation and do all further acts reasonably requested by Assignee to confirm and perfect title in and to the Assigned IP in Assignee, its successors and assigns.

3. Entire Agreement. This Assignment, and the Purchase Agreement, reflect the entire understanding of the parties hereto relating to the sale, assignment, transfer, conveyance and delivery of the Assigned IP from Assignor to Assignee, and supersedes all prior agreements, understandings or letters of intent between or among the parties hereto regarding the subject matter of this Assignment and the Purchase Agreement.

4. Successors and Assigns. This Assignment shall be binding upon and inure to the benefit of the parties hereto and their respective successors and assigns.

5. Governing Law and Venue. This Assignment shall be governed by, and construed in accordance with, the internal laws of the State of New York, without regard to the laws of any other jurisdiction that might be applied because of the conflicts of laws principles of the State of New York.

6. Counterparts. This Assignment may be executed in one or more counterparts, including electronic transmission or facsimile counterparts, all of which shall be considered one and the same agreement and shall become effective when counterparts have been signed by each of the parties and delivered to the other parties.

[The Signature Page to this Assignment appears on the next page.]

IN WITNESS WHEREOF, Assignor and Assignee have caused this Assignment to be executed by their duly authorized representatives as of the Effective Date.

**HARPERCOLLINS CHRISTIAN PUBLISHING, INC. (ASSIGNOR)**

By: Troy Edens  
.....

Name: Troy Edens  
.....

Title: SVP/CFO  
.....

**GOSPEL TECHNOLOGIES LLC (ASSIGNEE)**

By: Steven Cummings  
.....

Name: Steven Cummings  
.....

Title: President  
.....

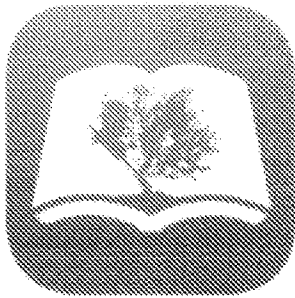
Attachment A - Intellectual Property

U.S. Registered Trademarks

BibleReader (typed drawing) (Reg. No. 2886497)  
Olive Tree (standard character mark) (Reg. No. 3503746)  
Olive Tree (design plus words) (Reg. No. 4804152)  
Olive Tree The Bible Study App (design plus words) (Reg. No. 4804167)

Unregistered Trademarks

The Olive Tree Bible App  
Read. Study. Anywhere.  
Read. Listen. Study. Anywhere.



Washington State Registered Trade Names

Olive Tree Bible Software  
Olive Tree

Domain Names

See Next Page

## Domain Names

Domain Name	APPROB	Renewal Status	Paid through Date	TLD	Hosting Status
olivetree.com	AWS	Auto Renewal	2020-07-03	.com	Active
biblereader.com	Markmonitor	Auto Renewal	2021-04-15	.com	Active/Hosted
biblestudylive.com	Markmonitor	Auto Renewal	2020-08-16	.com	Active/Hosted
biblestudyplus.com	Markmonitor	Auto Renewal	2020-05-28	.com	Active/Hosted
freebibleapp.com	Markmonitor	Auto Renewal	2021-02-23	.com	Active/Hosted
freemobilebibles.com	Markmonitor	Auto Renewal	2020-06-28	.com	Active/Hosted
mobilebiblestudy.com	Markmonitor	Auto Renewal	2021-03-04	.com	Active/Hosted
mobilestudybible.com	Markmonitor	Auto Renewal	2020-08-25	.com	Active/Hosted
olivetree4me.com	Markmonitor	Auto Renewal	2020-07-02	.com	Active/Hosted
olivetreeacademic.com	Markmonitor	Auto Renewal	2020-07-20	.com	Active/Hosted
olivetreebible.com	Markmonitor	Auto Renewal	2020-05-21	.com	Active/Hosted
olivetreebiblesoft.com	Markmonitor	Auto Renewal	2021-02-11	.com	Active/Hosted
olivetreebiblestudy.com	Markmonitor	Auto Renewal	2021-01-27	.com	Active/Hosted
olivetreeblog.com	Markmonitor	Auto Renewal	2020-08-12	.com	Active/Hosted
olivetreedigitalpublishing.com	Markmonitor	Auto Renewal	2021-01-14	.com	Active/Hosted
olivetreeforum.com	Markmonitor	Auto Renewal	2020-08-18	.com	Active/Hosted
olivetreegear.com	Markmonitor	Auto Renewal	2020-07-24	.com	Active/Hosted
olivetreemobile.com	Markmonitor	Auto Renewal	2021-01-15	.com	Active/Hosted
olivetreeplus.com	Markmonitor	Auto Renewal	2021-01-27	.com	Active/Hosted
olivetreepub.com	Markmonitor	Auto Renewal	2021-01-13	.com	Active/Hosted
olivetreereader.com	Markmonitor	Auto Renewal	2020-12-19	.com	Active/Hosted
olivetreestore.com	Markmonitor	Auto Renewal	2021-01-24	.com	Active/Hosted
olivetreestudybible.com	Markmonitor	Auto Renewal	2021-01-27	.com	Active/Hosted
olivetreestudy.com	Markmonitor	Auto Renewal	2021-01-27	.com	Active/Hosted
olivetreetechnology.com	Markmonitor	Auto Renewal	2020-12-19	.com	Active/Hosted
thebiblestudyapp.com	Markmonitor	Auto Renewal	2020-09-10	.com	Active/Hosted
biblereader.xxx	None	Auto Renewal	2020-12-10	.xxx	Inactive
olivetree.xxx	None	Auto Renewal	2020-12-06	.xxx	Inactive

## Material Products, Services

### Overview of IP / current product suite

Olive Tree has created apps for the following platforms: iOS, Android, Mac, Windows, tvOS, and FireOS (Kindle Fire). These apps leverage a common core that allows one book format to be published to all platforms simultaneously, annotations to be shared between platforms, and core frameworks to be pushed to all platforms. Overall, these apps combined have over 1.2 million monthly active users.

### Leading app on iOS

Olive Tree's Bible App on iOS is a top ranked Bible Study app in the App Store. It holds the number 4 place when searching for Bible. Over the past 12 months, it has averaged 800,000 monthly active users, and is regularly the top-grossing Bible app.

### Multi-Platform

The Olive Tree apps run on five platforms powered by a common core, powerful sync system, and common file format. Users can jot down notes on their smartphone in church, work on those notes on their desktop at home, and

then read their notes off of their tablet at their Bible study group. When a user buys a book on one platform, they can use that book in all of their devices.

#### **Olive Tree on Android**

Olive Tree's Bible app on Android is one of the leading apps for reading and studying the Bible. Over the last 12 months, it has averaged nearly 400,000 monthly active users, and regularly lays claim to a top-5 position when searching for Bible.

#### **Olive Tree on Desktop**

Olive Tree users can read their books and use their content on Mac and Windows. Users can create notes on their desktop and sync them to their tablet or smartphone. These desktop apps also offer some features, such as multi-window support, that take advantage of the display space and power of these platforms.

#### **Semantically-Tagged Bible Reference Titles**

Olive Tree currently has over 3,000 Biblical titles for sale that have been semantically tagged (tagging that adds information about the contents of a book, and allows for the application to make smart connections) to create more engaging experiences in our apps. The electronic format used for eReaders is not suitable for an enriched Bible study experience. ePub, mobi, pdf, etc files show how that book should be displayed, but not what are sections of that book about.

#### **Large eBook Library**

In addition to the 3,000 titles that Olive Tree has that are semantically-tagged, there are also well over 15,000 eBooks available for sale. These are run through a special process to tag all the verse references with a link to open the Bible text, but other than that, are otherwise similar to a basic ePub. The processing for these titles is almost entirely automated, making it very scalable.

#### **Audio Books and Bibles**

In September of 2018, Olive Tree launched support for Audio Bibles and Audio Books. Currently, Olive Tree has over 3,000 Audio Books for sale, as well as a large collection of Audio Bibles. We took the concepts we use when semantically tagging a digital Bible text, and applied it to Audio Bibles, making our app one of the only ones available that allows for verse-level navigation and can display the text of the Bible on screen along with the audio in sync.

#### **Resource Guide**

Olive Tree combines book-specific semantic knowledge with its own entity (aka Bible domain knowledge) database to create the Resource Guide. The Resource Guide lets users see all the content in their library that is applicable to the passage they are reading. It is able to quickly query all books in a user's library, and the entity database, for all results that are relevant to the passage the user is reading.

#### **Managed Data and Sync**

Olive Tree has also developed a world-class sync system that powers our apps. This sync system is cross platform, highly performant, and easily extendable. In our apps we built a managed data framework similar to Apple's Core Data. Data in managed data can easily be sync'd between devices. We are able to easily add new syncable data sets to our apps. Managed data can handle and propagate schema changes so data is not lost when users have different versions of the Olive Tree apps on different devices. The managed data that we currently sync includes: notes, bookmarks, highlights, book ribbons, daily reading plans, and library.

#### **Ecommerce**

Olive Tree has their own, custom-built ecommerce site for selling their products. The ecommerce store allows customers with an Olive Tree account to make purchases. Once they are logged into that account within one or more of Olive Tree's apps, they can download those purchased products. The ecommerce site has price scheduling, category sorting, and other standard ecommerce features. It currently integrates with Braintree for credit card and PayPal processing, and Avalara for sales tax calculations.

#### **List of Included Apps by Platform**

**IOS**

App Name	Apple ID
Bible App by Olive Tree	332615624
NKJV Bible by Olive Tree	287462072
NIV Bible App +	291270748
#Daily Bible Verse	1491039973
Olive Tree KPI Dashboard	1495220898
NLT Bible by Olive Tree	347093666
NLT Study Bible by Olive Tree	347087211
NRSV Bible by Olive Tree	347090767
NASB Bible Study Library	300991597
ESV Study Bible by Olive Tree	297005727
NASB Bible by Olive Tree	347095817
ESV Bible Bundle by Olive Tree	287455962
ESV Strong's Bible	288498802
Message Bible by Olive Tree	347090265
Amplified Classic Bible	290967580
Bible Maps by Olive Tree	287455446
NIV Zondervan Study Bible	1062343397
NIV Cultural Backgrounds Study Bible	1139924602
NIV Plus BibleReader	404830713
Greek & Hebrew Bibles	300958856
HCSB BibleReader	339078644
JPS Tanakh: The Jewish Bible	397782343
The Love Dare Day By Day	339576920
The Love Dare: eBook+ HCSB BibleReader	319114340
The Love Dare Day By Day: 30 Days	339573039
The Love Dare: 40 Dares	319125405

**Android**

App Name	Product ID
Bible App by Olive Tree	biblereader.olivetree
Amplified Classic Bible + KJV & NIV Bibles, No Ads	amp.biblereader.olivetree
ESV Strong's Bible	esv.biblereader.olivetree
King James Bible (KJV) -- Strong's Numbers, Ad Free	kjvs.biblereader.olivetree
Message Bible by Olive Tree	msg.biblereader.olivetree
NIV Bible by Olive Tree -- Offline, Free & No Ads	niv.biblereader.olivetree
NKJV Bible by Olive Tree -- Offline, Free & No Ads	nkjv.biblereader.olivetree
NLT Bible by Olive Tree	nlt.biblereader.olivetree
#Daily Bible Verse	
Olive Tree KPI Dashboard	
NIV Cultural Backgrounds SB	com.olivetree.NIVCulturalBackgroundsStudyBible
NIV Zondervan Study Bible	com.olivetree.NIVZondervanStudyBible

**FireOS (Amazon)**

App Name	App ID
Bible App by Olive Tree	amzn1.devportal.mobileapp.483639304d4757564d48485449543734
ESV Strong's Bible by Olive Tree	amzn1.devportal.mobileapp.33474d4c5559543452424b444a593746
NIV Bible by Olive Tree	amzn1.devportal.mobileapp.524c4c59563448465859543741363547
NKJV Bible by Olive Tree	amzn1.devportal.mobileapp.46475335345a4c455543463237365359
NIV Cultural Backgrounds Study Bible	amzn1.devportal.mobileapp.e2d33fcf9585400caf56f88884cdd113
NIV Zondervan Study Bible	amzn1.devportal.mobileapp.5edfb668375f4e47a15076747f4c41d0

**Mac**

App Name	Apple ID
Bible Study	472790630



### Windows

App Name	Store ID
Bible by Olive Tree	9NR5P6BRXBZQ
Daily Verse	9NDD84L4ZJ49

### tvOS

App Name	Apple ID
Olive Tree KPI Dashboard	1495220898

### Olive Tree Web Sites

- Olive Tree ecommerce site
- Olive Tree Bible site for viewing shared Bible passages
- Olive Tree Blog

### List of Included Source Code Repositories

Olive Tree uses GitHub to track its source code. The following repositories are located in Olive Tree's github account:

ansible_ot	<a href="https://github.com/OliveTreeBible/ansible_ot">https://github.com/OliveTreeBible/ansible_ot</a>	Automations for various scripts and sites.
apple	<a href="https://github.com/OliveTreeBible/apple">https://github.com/OliveTreeBible/apple</a>	The iOS front-end code for the flagship Bible apps.
audiobook_survey_2018_analyses	<a href="https://github.com/OliveTreeBible/audiobook_survey_2018_analyses">https://github.com/OliveTreeBible/audiobook_survey_2018_analyses</a>	R Code to analyze results from a survey.
AudioBuilder	<a href="https://github.com/OliveTreeBible/AudioBuilder">https://github.com/OliveTreeBible/AudioBuilder</a>	Project required to build audio resources for the Bible Apps..
BibleGatewayAlexaSkill	<a href="https://github.com/OliveTreeBible/BibleGatewayAlexaSkill">https://github.com/OliveTreeBible/BibleGatewayAlexaSkill</a>	Alexa skill developed during hackathon in 2016 that uses BibleGateway.
BiblePlusThemesAndStyle	<a href="https://github.com/OliveTreeBible/BiblePlusThemesAndStyle">https://github.com/OliveTreeBible/BiblePlusThemesAndStyle</a>	Theme management for Olive Tree's Bible apps (Deprecated)
blog_olivetree_com	<a href="https://github.com/OliveTreeBible/blog_olivetree_com">https://github.com/OliveTreeBible/blog_olivetree_com</a>	Olive Tree's Blog source code.
bt15demo	<a href="https://github.com/OliveTreeBible/bt15demo">https://github.com/OliveTreeBible/bt15demo</a>	A demo project for a presentation at Bible Tech in 2015. (Abandoned).
core	<a href="https://github.com/OliveTreeBible/core">https://github.com/OliveTreeBible/core</a>	Shared code between all the Bible apps on all platforms.

DailyVerse	<a href="https://github.com/OliveTreeBible/DailyVerse">https://github.com/OliveTreeBible/DailyVerse</a>	Code for the Daily Verse app on iOS, Android, and Windows.
data_warehouse	<a href="https://github.com/OliveTreeBible/data_warehouse">https://github.com/OliveTreeBible/data_warehouse</a>	Node app that fetches data from various sources and caches it into a database in AWS.
FirebaseAndroidWebApp	<a href="https://github.com/OliveTreeBible/FirebaseAndroidWebApp">https://github.com/OliveTreeBible/FirebaseAndroidWebApp</a>	Firebase Android Web app (Abandoned)
flurryfetch	<a href="https://github.com/OliveTreeBible/flurryfetch">https://github.com/OliveTreeBible/flurryfetch</a>	The beginnings of a fetch system for capturing Flurry metrics.
google	<a href="https://github.com/OliveTreeBible/google">https://github.com/OliveTreeBible/google</a>	The Android front-end code for the flagship Bible apps.
googleNxt	<a href="https://github.com/OliveTreeBible/googleNxt">https://github.com/OliveTreeBible/googleNxt</a>	Android build tool (Experimental)
kitchen_sync	<a href="https://github.com/OliveTreeBible/kitchen_sync">https://github.com/OliveTreeBible/kitchen_sync</a>	Node sync server (Abandoned)
KJV_sample	<a href="https://github.com/OliveTreeBible/KJV_sample">https://github.com/OliveTreeBible/KJV_sample</a>	A sample epub of the KJV bible
kpi_dashboard	<a href="https://github.com/OliveTreeBible/kpi_dashboard">https://github.com/OliveTreeBible/kpi_dashboard</a>	Source code for a cross-platform dashboard showing key performance indicators.
microsoft	<a href="https://github.com/OliveTreeBible/microsoft">https://github.com/OliveTreeBible/microsoft</a>	The Windows front-end code for the flagship Bible apps.
node_push_to_firebase	<a href="https://github.com/OliveTreeBible/node_push_to_firebase">https://github.com/OliveTreeBible/node_push_to_firebase</a>	Node app that pushes notifications to devices running Olive Tree's Bible apps.
olivetree	<a href="https://github.com/OliveTreeBible/olivetree">https://github.com/OliveTreeBible/olivetree</a>	Rails projects for various parts of Olive Tree's admin site. (Deprecated)
olivetree-privacy	<a href="https://github.com/OliveTreeBible/olivetree-privacy">https://github.com/OliveTreeBible/olivetree-privacy</a>	Source code for Olive Tree's privacy framework.
olivetree-privacy-consent-files	<a href="https://github.com/OliveTreeBible/olivetree-privacy-consent-files">https://github.com/OliveTreeBible/olivetree-privacy-consent-files</a>	Legal definitions for privacy and consent.

<code>OliveTreeUrlExample</code>	<a href="https://github.com/OliveTreeBible/OliveTreeUrlExample">https://github.com/OliveTreeBible/OliveTreeUrlExample</a>	Documentation of Olive Tree App APIs
<code>ot_formatting_perl_scripts</code>	<a href="https://github.com/OliveTreeBible/ot_formatting_perl_scripts">https://github.com/OliveTreeBible/ot_formatting_perl_scripts</a>	A collection of scripts that formatting uses.
<code>ot_lambdas</code>	<a href="https://github.com/OliveTreeBible/ot_lambdas">https://github.com/OliveTreeBible/ot_lambdas</a>	A collection of Olive Tree's lambdas for running in AWS
<code>ot-androidanalysis</code>	<a href="https://github.com/OliveTreeBible/ot-androidanalysis">https://github.com/OliveTreeBible/ot-androidanalysis</a>	R scripts written to analyze Android's performance
<code>otweb</code>	<a href="https://github.com/OliveTreeBible/otweb">https://github.com/OliveTreeBible/otweb</a>	The source code for Olive Tree's eCommerce website.
<code>otpub_validator</code>	<a href="https://github.com/OliveTreeBible/otpub_validator">https://github.com/OliveTreeBible/otpub_validator</a>	A tool for validating ePubs for conversion to otPub
<code>otweb_ci</code>	<a href="https://github.com/OliveTreeBible/otweb_ci">https://github.com/OliveTreeBible/otweb_ci</a>	Codeigniter PHP website
<code>otweb_docker</code>	<a href="https://github.com/OliveTreeBible/otweb-docker">https://github.com/OliveTreeBible/otweb-docker</a>	Docker project to run Olive Tree's eCommerce website in a container for testing and development
<code>packer_ot</code>	<a href="https://github.com/OliveTreeBible/packer_ot">https://github.com/OliveTreeBible/packer_ot</a>	Tool for building images in AWS
<code>personalize_utils</code>	<a href="https://github.com/OliveTreeBible/personalize_utils">https://github.com/OliveTreeBible/personalize_utils</a>	Utilities to aid in keeping Amazon Personalize models up to date.
<code>productsuggestions</code>	<a href="https://github.com/OliveTreeBible/productsuggestions">https://github.com/OliveTreeBible/productsuggestions</a>	A recommendation implementation based in R.
<code>puppet_ot</code>	<a href="https://github.com/OliveTreeBible/puppet_ot">https://github.com/OliveTreeBible/puppet_ot</a>	Deployment scripts for AWS
<code>query_carnival</code>	<a href="https://github.com/OliveTreeBible/query_carnival">https://github.com/OliveTreeBible/query_carnival</a>	Tool to query Carnival for device data. (deprecated)
<code>railssync</code>	<a href="https://github.com/OliveTreeBible/railssync">https://github.com/OliveTreeBible/railssync</a>	Olive Tree's sync service server side code.
<code>rdataproc</code>	<a href="https://github.com/OliveTreeBible/rdataproc">https://github.com/OliveTreeBible/rdataproc</a>	A miscellaneous collection of scripts written in R for data processing

<b>recommendeditemsspark</b>	<a href="https://github.com/OliveTreeBible/recommendeditemsspark">https://github.com/OliveTreeBible/recommendeditemsspark</a>	A implementation of recommended items written in Scala using the Spark framework.
<b>ScreenshotAutomation</b>	<a href="https://github.com/OliveTreeBible/ScreenshotAutomation">https://github.com/OliveTreeBible/ScreenshotAutomation</a>	Project to automate screenshot captures (Abandoned)
<b>sessions_management</b>	<a href="https://github.com/OliveTreeBible/sessions_management">https://github.com/OliveTreeBible/sessions_management</a>	Tool to query app sessions stored in S3 and cache results in a MySQL database
<b>telemetry_api</b>	<a href="https://github.com/OliveTreeBible/telemetry_api">https://github.com/OliveTreeBible/telemetry_api</a>	Node app meant to be an endpoint for telemetry data from Olive Tree apps (Inactive).
<b>terraform_ot</b>	<a href="https://github.com/OliveTreeBible/terraform_ot">https://github.com/OliveTreeBible/terraform_ot</a>	Files for using Terraform in AWS
<b>TVStatus</b>	<a href="https://github.com/OliveTreeBible/TVStatus">https://github.com/OliveTreeBible/TVStatus</a>	tvOS app that displays status on certain metrics.

### Amazon Web Services

Olive Tree uses Amazon Web Services (AWS) to serve nearly all of its web-based needs. All of Olive Tree's AWS services are hosted in the account: 7842-8397-2120.

These services include:

- EC2 Instances for web hosts and app servers.
- Relational Databases for user and business data storage
- Cloud Front for content delivery
- S3 for Storage
- Amazon Personalize for recommendations
- Amazon Polly for voice transitions
- Athena to query S3 data
- ElasticSearch
- Lambdas
- API Gateways

Several of these services have supporting scripts and tasks associated with their creation, maintenance, and scheduling that shall be included in this agreement. In many cases these items are exclusive to Olive Tree, and in other cases they are either shared with HarperCollins Direct or are a branch of something the DevOps direct team branched for Olive Tree's purposes.

### Azure

A few of Olive Tree's infrastructure pieces reside in Microsoft's Azure Marketplace. These tend to be services that either do not exist in AWS, or are far more beneficial in Azure for Olive Tree's needs. Those services include:

- Media Services for DRM Keys
- Lambdas for voice file creation
- CDN storage of daily reading voice transitions

- Build servers

#### **Internal VMs**

Olive Tree has a couple of hosted VMs that include source code and associated scripts that were not listed previously. Those VMs host the following services for Olive Tree:

- Onix build site (PHP)
- Publisher contracts system (PHP)

#### **Designs and documentation**

Olive Tree uses Jira and Confluence for issue tracking, project documentation, user interface designs, project management, and planning. These are currently instances of HarperCollins' self-hosted Atlassian tools and will need to be transitioned to an account maintained by Olive Tree.