<pre>#!/usr/bin/env bash # This is the bootstrap Unix installer served by `https://get.volta.sh`. # Its responsibility is to query the system to determine what OS the system # has, fetch and install the appropriate build of Volta, and modify the user's</pre>
<pre># profile. # NOTE: to use an internal company repo, change how this determines the latest version get_latest_release() { curlsilent "https://volta.sh/latest-version" }</pre>
<pre>release_url() { echo "https://github.com/volta- cli/volta/releases" } download_release_from_repo() { local version="\$1" local os_info="\$2"</pre>
<pre>local tmpdir="\$3" local filename="volta-\$version-\$os_info.tar.gz" local download_file="\$tmpdir/\$filename" local archive_url="\$(release_url)/download/v\$version/\$filename"</pre>
<pre>curlprogress-barshow-errorlocation fail "\$archive_url"output "\$download_file" write-out "\$download_file" } usage() { cat >&2 <<end_usage for="" installer="" pre="" the="" volta-install:="" volta<=""></end_usage></pre>
USAGE: volta-install [FLAGS] [OPTIONS] FLAGS: -h,help Prints help information
OPTIONS: dev Compile and install Volta locally, using the dev targetrelease Compile and install Volta locally, using the release targetskip-setup Do not run 'volta setup' to modify startup scripts
version <version> Install a specific release version of Volta END_USAGE } info() { local action="\$1"</version>
<pre>local details="\$2" command printf '\033[1;32m%12s\033[0m %s\n' "\$action" "\$details" 1>&2 } error() { command printf '\033[1;31mError\033[0m: %s\n\n' "\$1" 1>&2</pre>
<pre> warning() { command printf '\033[1;33mWarning\033[0m: %s\n\n' "\$1" 1>&2 } request() { </pre>
<pre>command printf '\033[1m%s\033[0m\n' "\$1" 1>&2 } eprintf() { command printf '%s\n' "\$1" 1>&2 }</pre>
<pre>bold() { command printf '\033[1m%s\033[0m' "\$1" } # check for issue with VOLTA_HOME # if it is set, and exists, but is not a directory, the install will fail volta_home_is_ok() {</pre>
<pre>if [-n "\${VOLTA_HOME-}"] && [-e "\$VOLTA_HOME"] && ! [-d "\$VOLTA_HOME"]; then error "\\$VOLTA_HOME is set but is not a directory (\$VOLTA_HOME)." eprintf "Please check your profile scripts and environment." return 1 fi</pre>
<pre>return 0 } # Check if it is OK to upgrade to the new version upgrade_is_ok() { local will_install_version="\$1" local install_dir="\$2" local is dev install="\$3"</pre>
<pre># check for Volta in both the old location and the new 0.7.0 location local volta_bin="\$install_dir/volta" if [! -x "\$volta_bin"]; then volta_bin="\$install_dir/bin/volta" fi</pre>
<pre># this is not able to install Volta prior to 0.5.0 (when it was renamed) if [["\$will_install_version" =~ ^([0-9]+\.[0-9]+)]]; then local major_minor="\${BASH_REMATCH[1]}" case "\$major_minor" in 0.1 0.2 0.3 0.4 0.5)</pre>
eprintf "" error "Cannot install Volta prior to version 0.6.0" request " To install Volta version \$will_install_version, please check out the source and build manually." eprintf ""
<pre>return 1 ;; esac fi if [[-n "\$install_dir" && -x "\$volta_bin"]]; then local prev_version="\$((\$volta_binversion));</pre>
<pre>2>/dev/null echo 0.1) sed -E 's/^.*([0-9]+\. [0-9]+\.[0-9]+).*\$/\1/')" # if this is a local dev install, skip the equality check # if installing the same version, this is a no- op if ["\$is_dev_install" != "true"] && ["\$prev_version" == "\$will_install_version"]; then</pre>
eprintf "Version \$will_install_version already installed" return 1 fi # in the future, check \$prev_version for incompatible upgrades fi
<pre>return 0 } # returns the os name to be used in the packaged release parse_os_info() { local uname_str="\$1" local arch="\$(uname -m)"</pre>
<pre>case "\$uname_str" in Linux) if ["\$arch" == "x86_64"]; then echo "linux" else error "Releases for non x64 architectures are not currently supported."</pre>
<pre>return 1 fi ;; Darwin) if ["\$(uname -m)" == "arm64"]; then echo "macos-aarch64" else</pre>
echo "macos" fi ;; *) return 1 esac return 0 }
<pre>parse_os_pretty() { local uname_str="\$1" case "\$uname_str" in Linux) echo "Linux" ;;</pre>
Darwin) echo "macOS" ;; *) echo "\$uname_str" esac }
<pre># return true(0) if the element is contained in the input arguments # called like: # if element_in "foo" "\${array[@]}"; then element_in() { local match="\$1"; shift</pre>
<pre>local element; # loop over the input arguments and return when a match is found for element in "\$@"; do ["\$element" == "\$match"] && return 0 done return 1</pre>
<pre>create_tree() { local install_dir="\$1" info 'Creating' "directory layout"</pre>
<pre># .volta/ # bin/ mkdir -p "\$install_dir" && mkdir -p "\$install_dir"/bin if ["\$?" != 0] then error "Could not create directory layout.</pre>
<pre>Please make sure the target directory is writeable: \$install_dir" exit 1 fi } install_version() {</pre>
<pre>local version_to_install="\$1" local install_dir="\$2" local should_run_setup="\$3" if ! volta_home_is_ok; then exit 1 fi</pre>
<pre>case "\$version_to_install" in latest) local latest_version="\$(get_latest_release)" info 'Installing' "latest version of Volta (\$latest_version)" install_release "\$latest_version" "\$install_dir" ;;</pre>
<pre>local-dev) info 'Installing' "Volta locally after compiling" install_local "dev" "\$install_dir" ;; local-release) info 'Installing' "Volta locally after compiling with 'release'"</pre>
<pre>install_local "release" "\$install_dir" ;; *) # assume anything else is a specific version info 'Installing' "Volta version \$version_to_install" install_release "\$version_to_install"</pre>
<pre>"\$install_dir" ;; esac if ["\$?" == 0] then if ["\$should_run_setup" == "true"]; then info 'Finished' "installation. Updating</pre>
<pre>user profile settings." "\$install_dir"/bin/volta setup else "\$install_dir"/bin/voltaversion &>/dev/null # creates the default shims info 'Finished' "installation. No changes were made to user profile settings." fi</pre>
<pre>fi } # parse the 'version = "X.Y.Z"' line from the input Cargo.toml contents # and return the version string parse_cargo_version() { local contents="\$1"</pre>
<pre>while read -r line do if [["\$line" =~ ^version\ =\ \"(.*)\"]] then echo "\${BASH_REMATCH[1]}" return 0 fi</pre>
<pre>done <<< "\$contents" error "Could not determine the current version from Cargo.toml" return 1 }</pre>
<pre>install_release() { local version="\$1" local install_dir="\$2" local is_dev_install="false" info 'Checking' "for existing Volta installation" if upgrade_is_ok "\$version" "\$install_dir" "\$is_dev_install"</pre>
<pre>then download_archive="\$(download_release "\$version"; exit "\$?")" exit_status="\$?" if ["\$exit_status" != 0] then error "Could not download Volta version '\$version'. See \$(release_url) for a list of</pre>
<pre>available releases" return "\$exit_status" fi install_from_file "\$download_archive" "\$install_dir" else</pre>
<pre># existing legacy install, or upgrade problem return 1 fi } install_local() { local dev_or_release="\$1" local install_dir="\$2"</pre>
<pre># this is a local install, so skip the version equality check local is_dev_install="true" info 'Checking' "for existing Volta installation" install_version="\$(parse_cargo_version "\$(<cargo.toml)" "\$install_version"<="")"="" 1="" if="" pre="" return="" upgrade_is_ok="" =""></cargo.toml)"></pre>
<pre>"\$install_dir" "\$is_dev_install" then # compile and package the binaries, then install from that local archive compiled_archive="\$(compile_and_package "\$dev_or_release")" && install_from_file "\$compiled_archive" "\$install_dir"</pre>
<pre>"\$install_dir" else # existing legacy install, or upgrade problem return 1 fi } compile_and_package() { local dev_or_release="\$1"</pre>
<pre>local dev_or_release= \$1 local release_output # get the directory of this script # (from https://stackoverflow.com/a/246128) DIR="\$(cd "\$(dirname "\${BASH_SOURCE[0]}")" >/dev/null 2>&1 && pwd)"</pre>
<pre># call the release script to create the packaged archive file # '2> >(tee /dev/stderr)' copies stderr to stdout, to collect it and parse the filename release_output="\$("\$DIR/release.sh" " \$dev_or_release" 2> >(tee /dev/stderr))" ["\$?" != 0] && return 1</pre>
<pre># parse the release filename and return that if [["\$release_output" =~ release\ in\ file\ (target[^\]+)]]; then echo "\${BASH_REMATCH[1]}" else error "Could not determine output filename" return 1</pre>
<pre>fi } download_release() { local version="\$1" local uname_str="\$(uname -s)" local os_info</pre>
<pre>os_info="\$(parse_os_info "\$uname_str")" if ["\$?" != 0]; then error "The current operating system (\$uname_str) does not appear to be supported by Volta." return 1 fi</pre>
<pre>local pretty_os_name="\$(parse_os_pretty "\$uname_str")" info 'Fetching' "archive for \$pretty_os_name, version \$version" # store the downloaded archive in a temporary directory local download_dir="\$(mktemp -d)"</pre>
download release from repo "\$version" "\$os info"
<pre>"\$download_dir" } install_from_file() { local archive="\$1" local install_dir="\$2"</pre>
<pre>"\$download_dir" } install_from_file() { local archive="\$1" local install_dir="\$2" create_tree "\$install_dir" info 'Extracting' "Volta binaries and launchers" # extract the files to the specified directory tar -xf "\$archive" -C "\$install_dir"/bin } check_architecture() {</pre>
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<pre>"\$download_dir" } install from file() { local archive="\$1" local install_dir="\$2" create_tree "\$install_dir" info 'Extracting' "Volta binaries and launchers" # extract the files to the specified directory tar -xf "\$archive" -C "\$install_dir"/bin } check_architecture() { local version="\$1" local arch="\$2" if [["\$version" != "local"*]]; then case "\$arch" in x86 64) return 0 ;; arm64) if ["\$(uname -s)" = "Darwin"]; then return 0 fi ;; esac error "Sorry! Volta currently only provides pre-built binaries for x86_64 architectures." return 1 fi } # return if sourced (for testing the functions above) return 0 2>/dev/null # default to installing the latest available version version_to_install="latest" # default to running setup after installing should_run_setup="true" # install to VOLTA_HOME, defaulting to -/.volta install_dir="\${VOLTA_HOME:-"\$HOME/.volta"}" # parse command line options while [\$# -gt 0] do arg="\$1" case "\$arg" in</pre>
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<pre>"\$download_dir" } install_from_file() { local archive="\$1" local install_dir" "\$2" create_tree "\$install_dir" info [Extracting' "Volta binaries and launchers" # extract the files to the specified directory tar -xf "\$archive" -c "\$install_dir"/bin } } check_architecture() { local version="\$1" local arch="\$2" if [["\$version" != "local"*]]; then</pre>