

# PhpStorm

<https://www.jetbrains.com/phpstorm/download/other.html>

```
wget https://download.jetbrains.com/webide/PhpStorm-2023.3.3.tar.gz
tar -xvzf PhpStorm-2023.3.3.tar.gz
sudo mv sudo mv PhpStorm-233* /opt/phpstorm
/opt/phpstorm/bin/phpstorm
```

Add to menu and cinnamon panel launcher

```
cat > ~/.local/share/applications/phpstorm.desktop << EOD
[Desktop Entry]
Name=PhpStorm
Exec=/opt/phpstorm/bin/phpstorm
Comment=
Terminal=false
Icon=/opt/phpstorm/bin/phpstorm.png
Type=Application
EOD
```

<https://www.jetbrains.com/resources/eap/>

<https://www.jetbrains.com/phpstorm/nextversion/>

<https://godmodeuser.com/p/25>

Download EAP tar.gz version, untar and move into /opt.

Useful settings:

1. Settings > Languages & Frameworks > SQL Dialects and set it for the whole project.
2. Enable Settings > Editor > Inspections > PHP > Undefined symbols > Undefined variable > Search for variable's definition outside the current file for project (alternative: variables defined in included/required files are marked as undefined. Solved by adding global \$x to top of file.)
3. set database per project folder or file in settings > Languages & Frameworks > SQL Resolution Scopes
4. open project selection instead of reopening last project in File > Settings > System Settings > uncheck "Reopen projects on startup"
5. Disable AI, Quodana and Space plugins

Deployment settings: File → Settings → Build, Execution, Deployment → Deployment → + SFTP Enter server name select ssh configuration for the server set remote and local paths

[phpstorm\\_update.sh](#)

```
#!/bin/bash
URL=$(curl -s
"https://data.services.jetbrains.com/products?code=PS&release.type=eap%
2Crc&fields=distributions%2Clink%2Cname%2Creleases" | jq
```

```
".[0].releases[0].downloads.linux.link" | cut -d '"' -f 2)
FILE=$(echo $URL | cut -d "/" -f 5)
DIR=$(basename "$FILE" ".tar.gz")

VER_LATEST=$(echo $DIR | cut -d "-" -f 2)
if [ -f "/opt/PhpStorm/build.txt" ]; then
    VER_INST=$(cat /opt/PhpStorm/build.txt | cut -d "-" -f 2)
else
    VER_INST=0
fi

function version { echo "$@" | awk -F. '{ printf("%d%03d%03d%03d\n",
$1,$2,$3,$4); }'; }

echo "Available version $VER_LATEST and installed version $VER_INST"

if [ $(version $VER_INST) -lt $(version $VER_LATEST) ]; then
    echo "Installing version $VER_LATEST..."
    wget $URL
    tar -xvzf $FILE
    sudo rm -rf /opt/PhpStorm-old
    sudo mv /opt/PhpStorm /opt/PhpStorm-old
    sudo mv $DIR /opt/PhpStorm
else
    echo "Latest version $VER_LATEST already installed..."
fi
```

[~/local/share/applications/phpstorm.desktop](#)

```
[Desktop Entry]
Name=PhpStorm
Exec=/opt/PhpStorm/bin/phpstorm.sh
Comment=
Terminal=false
Icon=/opt/PhpStorm/bin/phpstorm.png
Type=Application
```

First run:

```
cd /opt/PhpStorm/bin/
./phpstorm.sh
```

Probably useful settings to disable: - Settings > Editor > Inspections > JavaScript > Probable Bugs > Equality operator may cause type coercion - Settings > Editor > Inspections > PHP > Composer - Settings > Editor > Inspections > Proofreading > Typo - Settings > Languages & Framework > Javascript > "JavaScript language version" to "EcmaScript 5.1" - Settings > Appearance & Behaviour > System Settings > Updates > "Check IDE updates for" to "Stable Releases" - Settings > Editor > Inspections > PHP > Undefined symbols > "Undefined variable" set "Search for variable's definition outside the current file" - Code style → php → wrapping and braces → braces placement → in function

declaration: end of line

To remove error message "Failed to push to [apps-repo] remote: bash: warning: setlocale: LC\_ALL: cannot change locale (en\_US.UTF-8)" on failed mercurial pushes, generate the en\_US.UTF-8 locale on the systems:

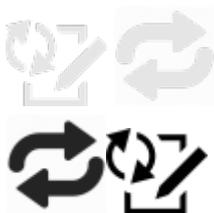
```
sudo sed -i 's/# en_US.UTF-8/en_US.UTF-8/g' /etc/locale.gen
sudo locale-gen en_US.UTF-8
```

Error: Unable to save settings: Failed to save settings. Please restart PhpStorm. Solution: Could you please check that the radio button Settings | PHP | Composer | Execution actually has a value specified? And if it doesn't, please choose one and then check how it goes.

Deployment <https://www.jetbrains.com/help/phpstorm/tutorial-deployment-in-product.html#config>

## Remote Tools and Custom Menu

Example custom main menu with remote tools and icons, store in ~/.local/share/icons/ :



~/config/PhpStorm2024.2/remoteTools/Remote Tools.xml

```
<toolSet name="Remote Tools">
  <tool name="Show changeset of remote system" showInMainMenu="false"
showInEditor="false" showInProject="false" showInSearchPopup="false"
disabled="false" useConsole="true" showConsoleOnStdOut="false"
showConsoleOnStdErr="false" synchronizeAfterRun="false"
CONNECTION_TYPE="SSH_CONFIG" CONNECTION_ID="root@remotesystem:22
agent">
  <exec>
    <option name="COMMAND" value="/root/hgchangeset.sh" />
    <option name="PARAMETERS" />
    <option name="WORKING_DIRECTORY" value="/var/www/htdocs/" />
  </exec>
</tool>
  <tool name="sync remote system to remote system"
showInMainMenu="false" showInEditor="false" showInProject="false"
showInSearchPopup="false" disabled="false" useConsole="true"
showConsoleOnStdOut="false" showConsoleOnStdErr="false"
synchronizeAfterRun="true" CONNECTION_TYPE="SSH_CONFIG"
CONNECTION_ID="root@remotesystem:22 agent">
  <exec>
    <option name="COMMAND" value="/root/_rsyncwrapper.sh" />
  </exec>
</tool>
</toolSet>
```

```
<option name="PARAMETERS" />
<option name="WORKING_DIRECTORY" value="/root" />
</exec>
</tool>
</toolSet>
```

[~/config/PhpStorm2024.2/options/customization.xml](#)

```
<application>
  <component
name="com.intellij.ide.ui.customization.CustomActionsSchema">
    <group value="Vcs.Operations.Popup" is_group="true"
force_popup="false" action_type="-1" position="23">
      <path value="root" />
    </group>
    <group value="Vcs.Log.Toolbar.RightCorner" is_group="true"
force_popup="false" action_type="-1" position="22">
      <path value="root" />
    </group>
    <group value="Vcs.Log.ChangesBrowser.Toolbar" is_group="true"
force_popup="false" action_type="-1" position="21">
      <path value="root" />
    </group>
    <group value="ChangesViewToolbar" is_group="true"
force_popup="false" action_type="-1" position="20">
      <path value="root" />
    </group>
    <group value="StringManipulation.Group.SwitchCase" is_group="true"
force_popup="false" action_type="-1" position="19">
      <path value="root" />
    </group>
    <group value="StringManipulation.Group.Main" is_group="true"
force_popup="false" action_type="-1" position="18">
      <path value="root" />
    </group>
    <group value="RunTab.TopToolbar" is_group="true"
force_popup="false" action_type="-1" position="17">
      <path value="root" />
    </group>
    <group value="RunTab.TopToolbar.More" is_group="true"
force_popup="false" action_type="-1" position="16">
      <path value="root" />
    </group>
    <group value="Markdown.Toolbar.Floating" is_group="true"
force_popup="false" action_type="-1" position="15">
      <path value="root" />
    </group>
    <group value="Console.TableResult.FloatingToolbarGroup"
is_group="true" force_popup="false" action_type="-1" position="14">
      <path value="root" />
    </group>
```

```
</group>
  <group value="Floating.CodeToolbar" is_group="true"
forse_popup="false" action_type="-1" position="13">
  <path value="root" />
</group>
  <group value="Vcs.FileHistory.Toolbar" is_group="true"
forse_popup="false" action_type="-1" position="12">
  <path value="root" />
</group>
  <group value="XDebugger.Watches.Tree.Toolbar" is_group="true"
forse_popup="false" action_type="-1" position="11">
  <path value="root" />
</group>
  <group value="XDebugger.ToolWindow.TopToolbar3" is_group="true"
forse_popup="false" action_type="-1" position="10">
  <path value="root" />
</group>
  <group value="XDebugger.ToolWindow.TopToolbar3.Extra"
is_group="true" forse_popup="false" action_type="-1" position="9">
  <path value="root" />
</group>
  <group value="NavBarToolBar" is_group="true" forse_popup="false"
action_type="-1" position="8">
  <path value="root" />
</group>
  <group value="NavbarPopupMenu" is_group="true" forse_popup="false"
action_type="-1" position="7">
  <path value="root" />
</group>
  <group value="ScopeViewPopupMenu" is_group="true"
forse_popup="false" action_type="-1" position="6">
  <path value="root" />
</group>
  <group value="ProjectViewPopupMenu" is_group="true"
forse_popup="false" action_type="-1" position="5">
  <path value="root" />
</group>
  <group value="EditorTabPopupMenu" is_group="true"
forse_popup="false" action_type="-1" position="4">
  <path value="root" />
</group>
  <group value="EditorGutterPopupMenu" is_group="true"
forse_popup="false" action_type="-1" position="3">
  <path value="root" />
</group>
  <group value="EditorPopupMenu" is_group="true" forse_popup="false"
action_type="-1" position="2">
  <path value="root" />
</group>
  <group value="NewUiRunWidget" is_action="true" action_type="-1"
position="2">
```

```
<path value="root" />
<path value="Main Toolbar" />
<path value="Right" />
</group>
<group value="PhpListenDebugAction" is_action="true"
action_type="-1" position="1">
  <path value="root" />
  <path value="Main Toolbar" />
  <path value="Right" />
</group>
<group value="MainMenu" is_group="true" forse_popup="false"
action_type="-1" position="0">
  <path value="root" />
</group>
<group value="Vcs.UpdateProject" is_action="true" action_type="1"
position="2">
  <path value="root" />
  <path value="Main Toolbar" />
  <path value="Left" />
  <path value="VCS Group" />
</group>
<group value="Vcs.Push" is_action="true" action_type="1"
position="3">
  <path value="root" />
  <path value="Main Toolbar" />
  <path value="Left" />
  <path value="VCS Group" />
</group>
<group value="RemoteTool_Remote Tools_Show changeset of remote
system" is_action="true" action_type="1" position="5">
  <path value="root" />
  <path value="Main Toolbar" />
  <path value="Left" />
</group>
<group value="RemoteTool_Remote Tools_sync remote system to remote
system" is_action="true" action_type="1" position="6">
  <path value="root" />
  <path value="Main Toolbar" />
  <path value="Left" />
</group>
<action id="RemoteTool_Remote Tools_Show changeset of remote
system" icon="/home/user/.local/share/icons/changelog-white.png" />
<action id="RemoteTool_Remote Tools_sync remote system to remote
system" icon="/home/user/.local/share/icons/sync-white.png" />
</component>
</application>
```

From:  
<http://wuff.dyndns.org/> - **Wulf's Various Things**

Permanent link:  
<http://wuff.dyndns.org/doku.php?id=php:phpstorm>

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