



How to install Microsoft core fonts like Arial, Courier New, and Times New Roman ?

👍 SOLUTION VERIFIED - Updated July 14 2017 at 2:36 AM - English ▾ ()

Environment

- Red Hat Enterprise Linux 7
- Red Hat Enterprise Linux 6
- Red Hat Enterprise Linux 5

Issue

- One or more of the following fonts are needed:
 - Andale Mono
 - Arial
 - Arial Black
 - Comic Sans MS
 - Courier New
 - Georgia
 - Impact
 - Times New Roman
 - Trebuchet MS
 - Verdana
 - Webdings

Resolution

DISCLAIMERS:

The following information has been provided by Red Hat, but is outside the scope of the posted Production Support Scope of Coverage (<https://access.redhat.com/support/offerings/production/soc.html>) page. The information is provided as-is and any applications installed or configuration changes made using the information in this article

could make the operating system unsupported by Red Hat Global Support Services. The intent of this article is to provide information to accomplish the user's needs. Use of the information in this article is at the user's own risk.

The Microsoft core fonts (Wikipedia (http://en.wikipedia.org/wiki/Core_fonts_for_the_Web)) are not hosted by Red Hat and therefore can not be obtained from Red Hat; however, they are legally hosted by third parties. The procedure detailed in the following instructions is not supported by Red Hat; the steps have simply been re-posted here for convenience.

ORIGINAL INSTRUCTIONS:

For detailed but incomplete and out-of-date instructions from the source, go to corefonts project on sourceforge (<http://corefonts.sourceforge.net>) and for some RHEL6-specific addendums to those instructions, see msttcorefonts on RHEL6 / Centos 6 / SL6 (<http://oimon.wordpress.com/2011/09/05/msttcorefonts-on-rhel6-centos-6-sl6/>).

QUICK INSTRUCTIONS:

The following commands could all be performed as root, but from a security standpoint, rpm-building is a task better done as a normal user. To that end, # precedes commands meant to be run as the **root** user, while \$ denotes commands that would be better run as a normal user. That said, here are the necessary steps, in short:

```
# yum install rpm-build cabextract ttmkfdir
$ wget http://corefonts.sourceforge.net/msttcorefonts-2.5-1.spec
  [ RHEL6 ONLY:
  [ Patch the spec file per instructions #2 & #3 of the
  [ "msttcorefonts on RHEL6 / Centos 6 / SL6" link above
$ rpmbuild -bb msttcorefonts-2.5-1.spec
$ cp ~/rpmbuild/RPMS/noarch/msttcorefonts-2.5-1.noarch.rpm /tmp
# yum install /tmp/msttcorefonts-2.5-1.noarch.rpm
# fc-cache /usr/share/fonts
```

Note: Applications will need to be restarted in order to see the new fonts.

USE OF THIRD-PARTY PACKAGES:

The package, `cabextract` is not distributed by Red Hat, but is available through the third-party repository, EPEL. For more information on how to use EPEL and it's support-ability, please see [How to use Extra Packages for Enterprise Linux \(EPEL\)? \(https://access.redhat.com/site/solutions/3358\)](https://access.redhat.com/site/solutions/3358)

Root Cause

- Microsoft started a project in 1996 called "Core Fonts for the Web" which included the above-mentioned fonts. MS released these fonts under a freeware license, but with some restrictions on redistribution (namely that the fonts could only be redistributed by 3rd parties if the file names remained the same and the EULA was made available). This explains why these fonts are not included in Red Hat Enterprise Linux or Fedora.
- A third party has hosted the original fonts at sourceforge.net (<http://corefonts.sourceforge.net/>) but distributes them in such a way that the terms of the original EULA (license) are followed. The site gives installation instructions that help users to build their own rpm containing the core fonts.

Product(s) [Red Hat Enterprise Linux \(/taxonomy/products/red-hat-enterprise-linux\)](/taxonomy/products/red-hat-enterprise-linux)

Component [fontconfig \(/components/fontconfig\)](/components/fontconfig) **Category** [Learn more \(/category/learn-more\)](/category/learn-more)

Tags [rhel_5 \(/tags/rhel_5\)](/tags/rhel_5) [rhel_6 \(/tags/rhel_6\)](/tags/rhel_6)

This solution is part of Red Hat's fast-track publication program, providing a huge library of solutions that Red Hat engineers have created while supporting our customers. To give you the knowledge you need the instant it becomes available, these articles may be presented in a raw and unedited form.

People who viewed this solution also viewed

[JRFontNotFoundException error while trying to build a report on JBoss EAP running on RHEL](#)

Solution - Dec 10, 2015

[JBoss EAP 4.3 failing security audit for CVE-2005-2090](#)

Solution - Dec 31, 2014

[Are MS font and HG font available in Red Hat Enterprise Linux?](#)

Solution - May 30, 2014

CUSTOMER (<https://access.redhat.com/>)

PORTAL



3 Comments

21 August 2015 4:21 AM (<https://access.redhat.com/solutions/124613#comment-956393>)

CIG Admins (/user/951243)

(/user/951243) the following for rhel6.

NEWBIE

5 Points

```
wget http://www.my-guides.net/en/images/stories/fedora12/msttcore-fonts-2.0-3.noarch.rpm
```

```
rpm -Uvh msttcore-fonts-2.0-3.noarch.rpm
```

[↩ Reply \(/Ajax_comments/Reply/124613/956393\)](#)18 August 2017 10:10 PM (<https://access.redhat.com/solutions/124613#comment-1208381>)

Sam Nicholls (/user/15215501)

(/user/15215501) Regarding the disclaimer...

RED HAT

NEWBIE

5 Points

"The information is provided as-is and any applications installed or configuration changes made using the information in this article could make the operating system unsupported by Red Hat Global Support Services."

Is this a general statement regarding third party packages or can installing these fonts really make RHEL unsupported?

[↩ Reply \(/Ajax_comments/Reply/124613/1208381\)](#)5 September 2017 6:01 AM (<https://access.redhat.com/solutions/124613#comment-1215491>)

Balasubramanian RP (/user/13602091)

(/user/13602091) Here, The package cabextract is not available on yum repo. Now, if we download rpm from any other repo, it has a lot of dependencies like ibmspack and related packages.

NEWBIE

10 Points

What would be an alternate or easier way to install?

[↩ Reply \(/Ajax_comments/Reply/124613/1215491\)](#)

CUSTOMER(<https://access.redhat.com/>)
PORTAL



All Systems Operational (<https://status.redhat.com>)

Privacy Statement (<http://www.redhat.com/en/about/privacy-policy>)

Customer Portal Terms of Use

(<https://access.redhat.com/help/terms/>)

All Policies and Guidelines

(<http://www.redhat.com/en/about/all-policies-guidelines>)

Copyright © 2018 Red Hat, Inc.