

# Установка Java

# Настройка среды программирования состоит из трех этапов

- 1. Взять из интернета архивы:
  - Java – машины (<http://www.oracle.com/ru/index.html>)
  - Среды разработки – Eclipse (<https://eclipse.org>)
  - Русская локализация (<https://www.eclipse.org/babel/downloads.php>)
- 2. Установить Java – машину
- 3. Настроить Eclipse

Подробнее:

# Java для разработчиков в разделе загрузки

The screenshot shows the Oracle website interface. The top navigation bar includes links for 'Продукты', 'Решения', 'Загрузки', 'STORE', 'Поддержка', 'Обучение', 'Партнеры', and 'О Компании'. The 'Загрузки' menu is open, displaying a 'Популярные загрузки' section with the following items:

- Java для разработчиков
- Установите свое компьютерное оборудование
- Java SE
- Solaris
- MySQL
- Oracle Middle
- Базы данных
- Встроенные виртуальные машины для разработчиков

Two blue callout boxes with white text provide instructions:

1. Выбираем раздел «Загрузки»
2. Выбираем подраздел «Java для разработчиков»

The bottom of the page features a dark banner with the text: '→ Решения Oracle обходят Amazon Web Services' and '→ Oracle Database Cloud Service'. The Windows taskbar at the bottom shows the system tray with the date '06.11.2016' and time '13:05'.

# Java Standart Edition

The screenshot shows the Oracle Java SE Downloads page. At the top, there is a navigation bar with the Oracle logo and links for Sign In/Register, Help, Country, Communities, I am a..., and I want to... A search bar is also present. Below this is a secondary navigation bar with links for Products, Solutions, Downloads, Store, Support, Training, Partners, and About, along with an OTN button. The main content area is titled 'Java SE Downloads' and features two prominent download buttons: 'DOWNLOAD' for Java Platform (JDK) 8u111 / 8u112 and 'DOWNLOAD' for NetBeans. A blue callout bubble with the text '3. Выбираем «Java SE»' points to the first 'DOWNLOAD' button. The page also includes a sidebar with a list of Java SE versions and support links, and a right sidebar with links for Java SDKs and Tools, Java Resources, and Java Magazine. The bottom of the page shows the Windows taskbar with various application icons and the system tray displaying the date and time (06.11.2016, 13:08).

www.oracle.com/technetwork/java/javase/downloads/index.html

ORACLE

Sign In/Register Help Country Communities I am a... I want to... Search

Products Solutions Downloads Store Support Training Partners About OTN

Oracle Technology Network > Java > Java SE > Downloads

Overview Downloads Documentation Community Technologies Training

### Java SE Downloads

Java Platform (JDK) 8u111 / 8u112

NetBeans

DOWNLOAD

DOWNLOAD

3. Выбираем «Java SE»

Java SE 8u111 / 8u112

Java SE 8u111 includes important updates for users upgrading to this release, plus additional features (description). Learn more

Important planned change for JRE 8u112

The next scheduled JRE update, planned for January 2016, will be signed as unsigned. Learn more and view testing instructions. For more information on cryptographic algorithm support, please check the JRE and JDK Crypto Roadmap.

Java SDKs and Tools

- Java SE
- Java EE and Glassfish
- Java ME
- Java Card
- NetBeans IDE
- Java Mission Control

Java Resources

- Java APIs
- Technical Articles
- Demos and Videos
- Forums
- Java Magazine
- Java.net
- Developer Training
- Tutorials
- Java.com

www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html

JDK

EN 13:08 06.11.2016

# Выбираем подходящую версию и загружаем

The screenshot shows the Oracle Java SE Development Kit 8u112 download page. The page is divided into three sections, each with a license agreement and a table of download links. The first section is for 'software.' and the second is for 'Java SE Development Kit 8u112'. The third section is for 'Java SE Development Kit 8u111 Demos and Samples Downloads'. Two blue callout boxes are overlaid on the page. The first callout box points to the 'Accept License Agreement' radio button in the first section and contains the text: '4. Переключаем радио точку сюда'. The second callout box points to the 'Accept License Agreement' radio button in the second section and contains the text: '5. Выбираем версию Вашей Операционной Системы'. The Windows taskbar is visible at the bottom of the screen.

software.

Accept License Agreement  Decline License Agreement

Product / File Description	File Size	Download
Linux ARM 32 Hard Float ABI	77.78 MB	jdk-8u111-linux-arm32-vfp-hflt.tar.gz
Linux ARM 64 Hard Float ABI	74.73 MB	jdk-8u111-linux-arm64-vfp-hflt.tar.gz
Linux x86	160.35 MB	jdk-8u111-linux-i586.rpm
Linux x86	175.04 MB	jdk-8u111-linux-i586.tar.gz
Linux x64	158.35 MB	jdk-8u111-linux-x64.rpm
Linux x64	173.04 MB	jdk-8u111-linux-x64.tar.gz
Mac OS X	227.39 MB	jdk-8u111-macosx-x64.dmg
Solaris SPARC 64-bit	131.92 MB	jdk-8u111-solaris-sparcv9.tar.Z
Solaris SPARC 64-bit	93.02 MB	jdk-8u111-solaris-sparcv9.tar.gz
Solaris x64	140.38 MB	jdk-8u111-solaris-x64.tar.Z
Solaris x64	96.82 MB	jdk-8u111-solaris-x64.tar.gz
Windows x86	189.22 MB	jdk-8u111-windows-i586.exe
Windows x64	194.64 MB	jdk-8u111-windows-x64.exe

Java SE Development Kit 8u112

You must accept the Oracle Binary Code License Agreement for Java SE to download this software.

Accept License Agreement  Decline License Agreement

Product / File Description	File Size	Download
Linux x86	162.42 MB	jdk-8u112-linux-i586.rpm
Linux x86	177.12 MB	jdk-8u112-linux-i586.tar.gz
Linux x64	159.97 MB	jdk-8u112-linux-x64.rpm
Linux x64	174.73 MB	jdk-8u112-linux-x64.tar.gz
Mac OS X	223.15 MB	jdk-8u112-macosx-x64.dmg
Solaris SPARC 64-bit	139.78 MB	jdk-8u112-solaris-sparcv9.tar.Z
Solaris SPARC 64-bit	99.06 MB	jdk-8u112-solaris-sparcv9.tar.gz
Solaris x64	140.45 MB	jdk-8u112-solaris-x64.tar.Z
Solaris x64	96.86 MB	jdk-8u112-solaris-x64.tar.gz
Windows x86	188.99 MB	jdk-8u112-windows-i586.exe
Windows x64	195.13 MB	jdk-8u112-windows-x64.exe

Java SE Development Kit 8u111 Demos and Samples Downloads

You must accept the Oracle BSD License. to download this software.

Accept License Agreement  Decline License Agreement

Product / File Description	File Size	Download
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# Сохранить архив лучше в отдельный каталог

6. Выбираем папку для сохранения архива

Platform	Size	File Name
Solaris x64	140.46 MB	jdk-8u112-solaris-x64.tar.gz
Solaris x64	96.86 MB	jdk-8u112-solaris-x64.tar.gz
Windows x86	188.99 MB	jdk-8u112-windows-i586.exe
Windows x64	195.13 MB	jdk-8u112-windows-x64.exe

# https://www.eclipse.org

The screenshot shows the Eclipse website homepage in a browser window. The browser's address bar displays <https://www.eclipse.org>. The website header includes the Eclipse logo, navigation links for 'GETTING STARTED', 'MEMBERS', 'PROJECTS', and 'MORE', and a 'DOWNLOAD' button. Below the header, a large banner features the text 'Eclipse Is...' followed by 'An amazing open source community of Tools, Projects and Collaborative Working Groups. Discover what we have to offer and join us.' and a 'DISCOVER' button. A blue callout bubble points to the 'DOWNLOAD' button, containing the text: '7. Кнопка скачать' and '8. Сохраняем в ту же папку для удобства'. The Windows taskbar at the bottom shows several open applications, including 'Eclipse - The Eclip...', 'Мое', '1 занятие', 'занятие 2 - Микро...', and 'Microsoft PowerP...'. The system tray shows the date and time as 14.11.2016, 13:43.

http://download.eclipse.org/technology/babel/babel\_language\_packs/R0.14.0/neon/neon.php

The screenshot shows a web browser window displaying the Eclipse Babel Project Downloads page. The browser's address bar shows the URL: <https://www.eclipse.org/babel/downloads.php>. The page features the Eclipse logo and navigation links: GETTING STARTED, MEMBERS, PROJECTS, and MORE. A search bar and a DONATE button are also visible. The main content area has a breadcrumb trail: HOME / PROJECTS / BABEL / ECLIPSE BABEL PROJECT DOWNLOADS. Below this, there is a 'Project Home' section with links to Downloads and Contribute. The main heading is 'Eclipse Babel Project Downloads', followed by the sub-heading 'Babel Language Packs R0.14.0 are now available'. The text below explains that Babel Language Packs R0.14.0 for Neon, Mars, and Luna release trains are now available and that Babel is currently setup to accept translation contributions in 47 languages. A blue callout bubble with the text '9. Прокручиваем СПИСОК ВНИЗ' (Scroll down the list) points to the main content area. The Windows taskbar at the bottom shows several open applications, including Google Chrome, Eclipse Babel Project, and Microsoft PowerPoint.

[http://download.eclipse.org/technology/babel/babel\\_language\\_packs/R0.14.0/neon/neon.php](http://download.eclipse.org/technology/babel/babel_language_packs/R0.14.0/neon/neon.php)

The screenshot shows a web browser window with the URL <https://www.eclipse.org/babel/downloads.php>. The page title is "Babel Language Pack Zips and Update Sites - R0.14.0 (2016/08/15)". The main content lists download links for Neon, Mars, and Luna, including zipped p2 repositories and update sites. A blue callout bubble points to the download links for Neon, Mars, and Luna, containing the text: "10. Выбираем скаченную версию Eclips." The browser's taskbar at the bottom shows several open applications, including "Диалоги - Googl...", "Eclipse Babel Proj...", "1 занятие", "Клуб Программ...", and "Microsoft PowerP...". The system tray shows the language set to RU, the date 16.11.2016, and the time 10:44.

## Babel Language Pack Zips and Update Sites - R0.14.0 (2016/08/15)

- ↓ Babel Language Pack Zips
  - Neon | Mars | Luna
  - ↓ Babel Language Pack Update Site for Neon
    - <http://download.eclipse.org/technology/babel/update-site/R0.14.0/neon>
    - Zipped p2 repository for Neon (115 MB)
  - ↓ Babel Language Pack Update Site for Mars
    - <http://download.eclipse.org/technology/babel/update-site/R0.14.0/mars>
    - Zipped p2 repository for Mars (146 MB)
  - ↓ Babel Language Pack Update Site for Luna
    - <http://download.eclipse.org/technology/babel/update-site/R0.14.0/luna>
    - Zipped p2 repository for Luna (112 MB)

### Important notes for Babel Language Packs R0.14.0

Babel Language Packs for older release trains can be found at **Eclipse Babel Project Archived Downloads**.

Not all of the existing Eclipse Foundation Projects are included in Babel yet. If you encounter a project that you would like to help translate, **tell that project's leaders**.

Not all languages are included in Babel yet. Request an additional language through **Bugzilla**.

## Babel Pseudo Translations

Babel Pseudo Translations are a very useful tool for globalization testing of Eclipse projects.

See the "**Babel Pseudo Translations**" Eclipse Corner Article for step-by-step instructions and examples describing what are the Babel Pseudo Translations, where to download them, how to install them, and how to launch Eclipse in Babel Pseudo Translations.

10. Выбираем  
скаченную версию  
Eclips.

[http://download.eclipse.org/technology/babel/babel\\_language\\_packs/R0.14.0/neon/neon.php](http://download.eclipse.org/technology/babel/babel_language_packs/R0.14.0/neon/neon.php)

**Babel Language Packs for Neon**

**Build ID: R0.14.0**

The following language packs are based on the community translations entered into the Babel Translation Tool, and may not be complete or entirely accurate. If you find missing or incorrect translations, please use the Babel Translation Tool to update them. All downloads are provided under the terms and conditions of the Eclipse Foundation Software User Agreement unless otherwise specified.

Go to: Albanian, Arabic, Basque, Bulgarian, Catalan, Chinese (Simplified), Chinese (Traditional), Czech, Danish, Dutch, English (Australian), English (Canadian), Estonian, Finnish, French, German, Greek, Hebrew, Hindi, Hungarian, Indonesian, Italian, Japanese, Klingon, Korean, Kurdish, Lithuanian, Malayalam, Mongolian, Norwegian, Persian, Polish, Portuguese, Portuguese (Brazilian), Romanian, Russian, Serbian, Slovak, Slovenian, Spanish, Swedish, Thai, Turkish, Ukrainian, Vietnamese, Pseudo Translations

**Language: Albanian**

- BabelLanguagePack-eclipse-sq\_4.6.0.v20160813060001.zip (0.09%)
- BabelLanguagePack-mylyn-sq\_4.6.0.v20160813060001.zip (0.05%)
- BabelLanguagePack-webtools-sq\_4.6.0.v20160813060001.zip (0.04%)

**Language: Arabic**

- BabelLanguagePack-datatools-ar\_4.6.0.v20160813060001.zip (21.14%)
- BabelLanguagePack-eclipse-ar\_4.6.0.v20160813060001.zip (65.36%)
- BabelLanguagePack-modeling.emf-ar\_4.6.0.v20160813060001.zip (62.2%)
- BabelLanguagePack-mylyn-ar\_4.6.0.v20160813060001.zip (19.28%)
- BabelLanguagePack-soa.stardust-ar\_4.6.0.v20160813060001.zip (16.89%)
- BabelLanguagePack-technology.egit-ar\_4.6.0.v20160813060001.zip (13.56%)
- BabelLanguagePack-technology.jgit-ar\_4.6.0.v20160813060001.zip (2.98%)
- BabelLanguagePack-technology.packaging-ar\_4.6.0.v20160813060001.zip (13.33%)
- BabelLanguagePack-technology.packaging.mpc-ar\_4.6.0.v20160813060001.zip (7.14%)
- BabelLanguagePack-technology.recommenders-ar\_4.6.0.v20160813060001.zip (6.3%)
- BabelLanguagePack-tools.tm-ar\_4.6.0.v20160813060001.zip (17.43%)
- BabelLanguagePack-webtools-ar\_4.6.0.v20160813060001.zip (62.23%)

**Language: Basque**

- BabelLanguagePack-datatools-eu\_4.6.0.v20160813060001.zip (17.34%)
- BabelLanguagePack-eclipse-eu\_4.6.0.v20160813060001.zip (52.91%)
- BabelLanguagePack-modeling.emf-eu\_4.6.0.v20160813060001.zip (27.03%)
- BabelLanguagePack-mylyn-eu\_4.6.0.v20160813060001.zip (13.08%)
- BabelLanguagePack-soa.stardust-eu\_4.6.0.v20160813060001.zip (11.26%)
- BabelLanguagePack-technology.egit-eu\_4.6.0.v20160813060001.zip (8.06%)

11. Прокручиваем список вниз до русского языка

[http://download.eclipse.org/technology/babel/babel\\_language\\_packs/R0.14.0/neon/neon.php](http://download.eclipse.org/technology/babel/babel_language_packs/R0.14.0/neon/neon.php)

The screenshot shows a web browser window with the URL [http://download.eclipse.org/technology/babel/babel\\_language\\_packs/R0.14.0/neon/neon.php](http://download.eclipse.org/technology/babel/babel_language_packs/R0.14.0/neon/neon.php). The page displays a list of language packs for Eclipse Neon, categorized by language. The Russian section is highlighted, and a blue callout bubble points to the file `BabelLanguagePack-eclipse-ru_4.6.0.v20160813060001.zip` (71.8%), which is the largest file in the list.

**12. Выбираем наиболее полный перевод и скачиваем в ту же папку**

**Language: Russian**

- BabelLanguagePack-technology.packaging-ro\_4.6.0.v20160813060001.zip (6.13%)
- BabelLanguagePack-technology.packaging.mpc-ro\_4.6.0.v20160813060001.zip (1.36%)
- BabelLanguagePack-technology.recommenders-ro\_4.6.0.v20160813060001.zip (2.82%)
- BabelLanguagePack-tools.tm-ro\_4.6.0.v20160813060001.zip (7.83%)
- BabelLanguagePack-webtools-ro\_4.6.0.v20160813060001.zip (6.85%)
- BabelLanguagePack-datatools-ru\_4.6.0.v20160813060001.zip (21.62%)
- BabelLanguagePack-eclipse-ru\_4.6.0.v20160813060001.zip (71.8%)**
- BabelLanguagePack-modeling.emf-ru\_4.6.0.v20160813060001.zip (62.68%)
- BabelLanguagePack-mylyn-ru\_4.6.0.v20160813060001.zip (30.23%)
- BabelLanguagePack-soa.stardust-ru\_4.6.0.v20160813060001.zip (17.59%)
- BabelLanguagePack-technology.egit-ru\_4.6.0.v20160813060001.zip (15.79%)
- BabelLanguagePack-technology.jgit-ru\_4.6.0.v20160813060001.zip (3.49%)
- BabelLanguagePack-technology.packaging-ru\_4.6.0.v20160813060001.zip (13.85%)
- BabelLanguagePack-technology.packaging.mpc-ru\_4.6.0.v20160813060001.zip (7.82%)
- BabelLanguagePack-technology.recommenders-ru\_4.6.0.v20160813060001.zip (7.37%)
- BabelLanguagePack-tools.tm-ru\_4.6.0.v20160813060001.zip (19.93%)
- BabelLanguagePack-webtools-ru\_4.6.0.v20160813060001.zip (62.48%)

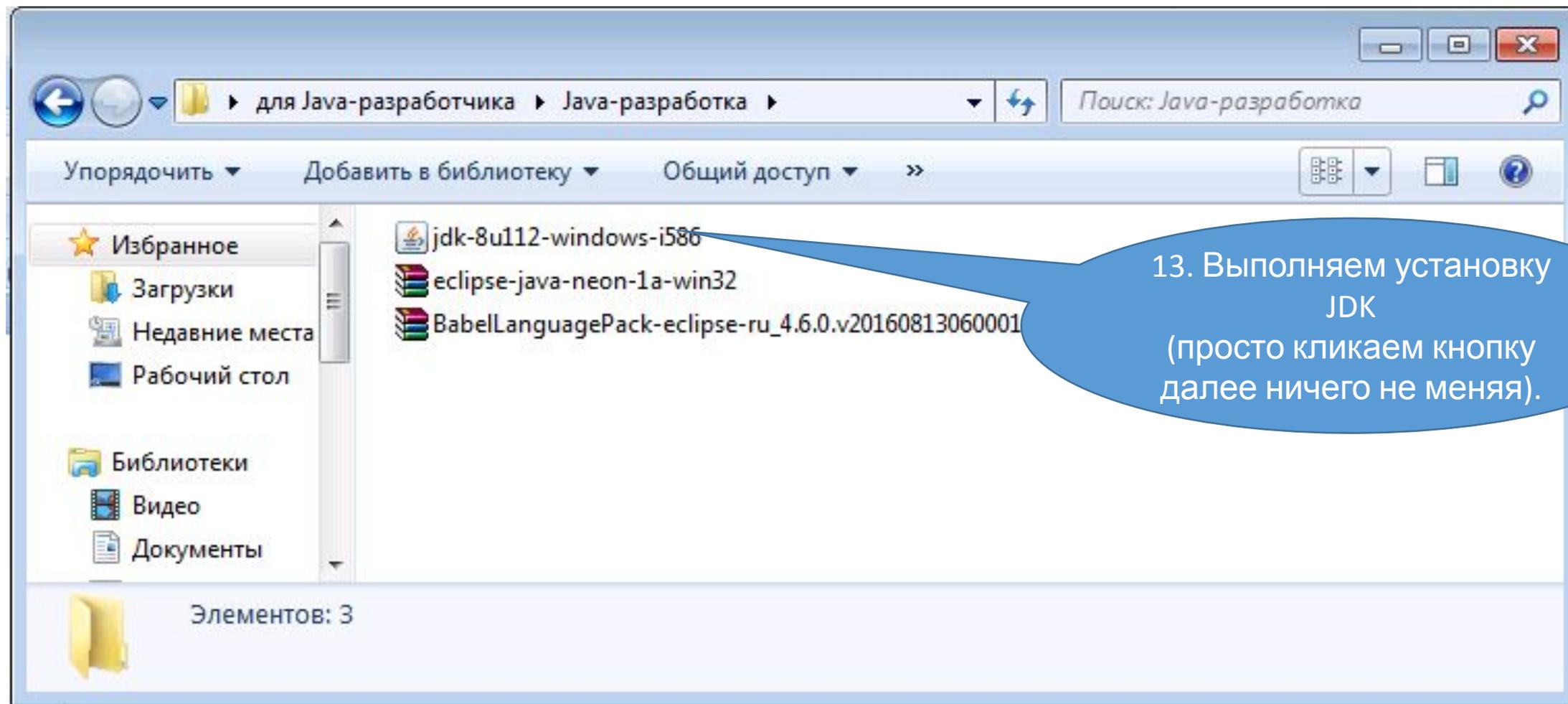
**Language: Serbian**

- BabelLanguagePack-datatools-sr\_4.6.0.v20160813060001.zip (1.42%)
- BabelLanguagePack-eclipse-sr\_4.6.0.v20160813060001.zip (1.99%)
- BabelLanguagePack-modeling.emf-sr\_4.6.0.v20160813060001.zip (1.06%)
- BabelLanguagePack-mylyn-sr\_4.6.0.v20160813060001.zip (0.92%)
- BabelLanguagePack-soa.stardust-sr\_4.6.0.v20160813060001.zip (0.7%)
- BabelLanguagePack-technology.egit-sr\_4.6.0.v20160813060001.zip (0.63%)
- BabelLanguagePack-technology.packaging-sr\_4.6.0.v20160813060001.zip (0.26%)
- BabelLanguagePack-technology.packaging.mpc-sr\_4.6.0.v20160813060001.zip (0.34%)
- BabelLanguagePack-technology.recommenders-sr\_4.6.0.v20160813060001.zip (0.27%)
- BabelLanguagePack-tools.tm-sr\_4.6.0.v20160813060001.zip (0.83%)
- BabelLanguagePack-webtools-sr\_4.6.0.v20160813060001.zip (1.21%)

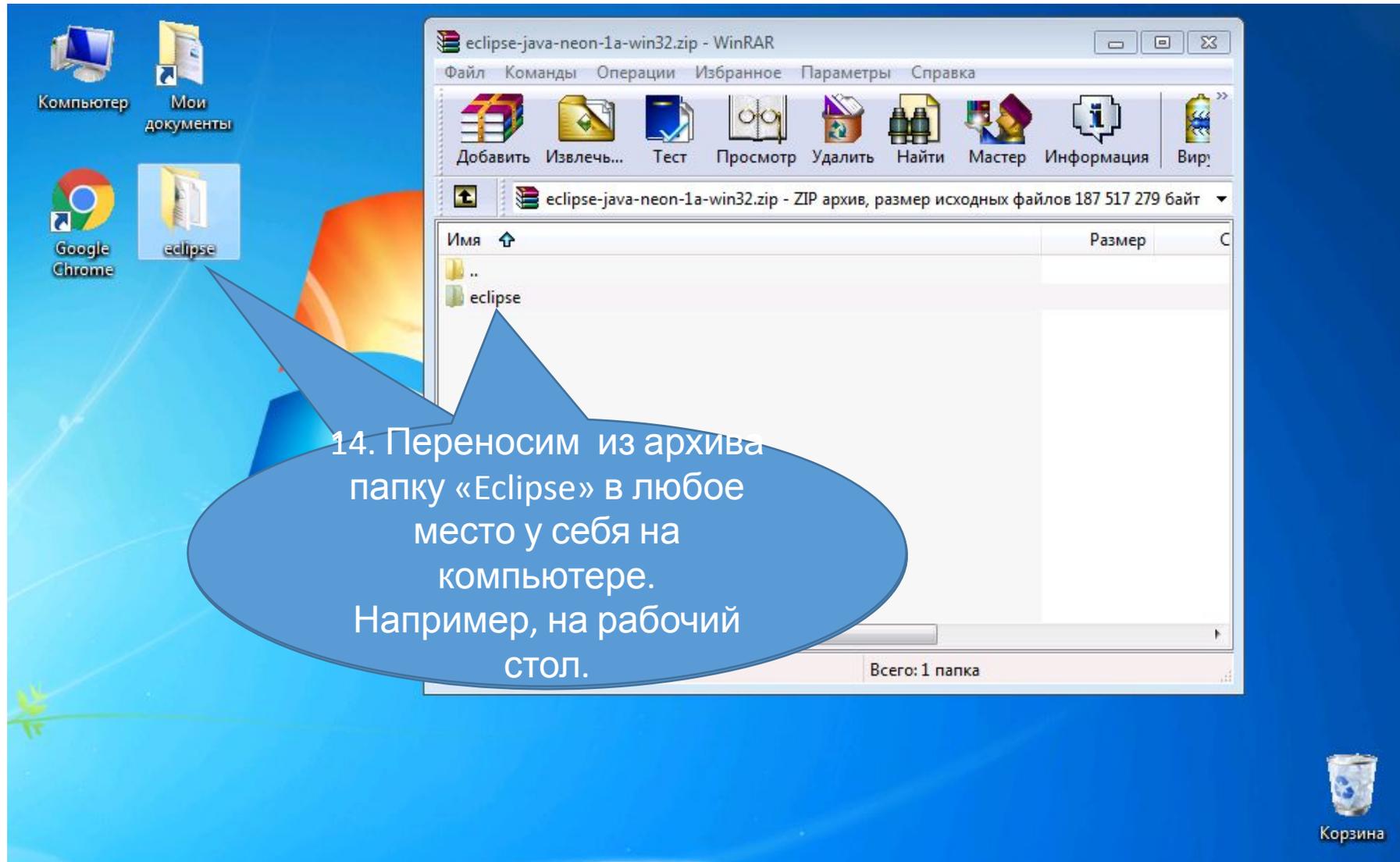
**Language: Slovak**

- BabelLanguagePack-datatools-sk\_4.6.0.v20160813060001.zip (6.72%)
- BabelLanguagePack-eclipse-sk\_4.6.0.v20160813060001.zip (12.83%)
- BabelLanguagePack-modeling.emf-sk\_4.6.0.v20160813060001.zip (5.91%)
- BabelLanguagePack-mylyn-sk\_4.6.0.v20160813060001.zip (5.27%)
- BabelLanguagePack-soa.stardust-sk\_4.6.0.v20160813060001.zip (5.42%)
- BabelLanguagePack-technology.egit-sk\_4.6.0.v20160813060001.zip (3.86%)
- BabelLanguagePack-technology.jgit-sk\_4.6.0.v20160813060001.zip (0.34%)
- BabelLanguagePack-technology.packaging-sk\_4.6.0.v20160813060001.zip (0.51%)
- BabelLanguagePack-technology.packaging.mpc-sk\_4.6.0.v20160813060001.zip (0.68%)
- BabelLanguagePack-technology.recommenders-sk\_4.6.0.v20160813060001.zip (2.28%)
- BabelLanguagePack-tools.tm-sk\_4.6.0.v20160813060001.zip (6.81%)
- BabelLanguagePack-webtools-sk\_4.6.0.v20160813060001.zip (4.79%)

# Получаем папку содержащую 3 файла



# Распаковываем последовательно 2 архива в одно и то же место



# Распаковываем последовательно 2 архива в одно и тоже место

The screenshot shows a Windows desktop with a blue background. On the desktop, there are icons for 'Компьютер', 'Мои документы', 'Google Chrome', and 'eclipse'. A WinRAR window is open, displaying the contents of a ZIP archive named 'BabelLanguagePack-eclipse-ru\_4.6.0.v20160813060001.zip'. The archive is expanded to show the 'eclipse' folder, which contains three subfolders: '..', 'features', and 'plugins'. A blue callout bubble points to the 'eclipse' folder on the desktop and contains the following text:

15. Переносим из архива BabelLanguagePack обе папки в папку «Eclipse» Соглашаемся заменить все файлы.

Имя	Размер	Сжат	Тип	Изменён
..			Folder	
features			Folder	13.08.2016
plugins			Folder	13.08.2016

At the bottom of the WinRAR window, it says 'Всего: 2 папок'.

# Распаковываем последовательно 2 архива в одно и тоже место

