


<b>Titel:</b>	<b>Kurs:</b>	
Together installation		
<b>Skapad av:</b>	<b>Enhet:</b>	
Jonas Wahlfrid		
<b>Granskad av:</b>	<b>Ämnesområde:</b>	
	Datavetenskap	
<b>Godkänd av:</b>	<b>Version:</b>	
	Issue 1 Draft G	
<b>Filnamn:</b>	<b>Datum:</b>	
TogetherInstallationIssue1DraftG.doc	2016-03-06	

## Dokumenthistoria

Version:	Datum:	Skapad av:	Granskad av:	Godkänd av:	Kommentar:
Issue 1 Draft A	2015-10-29	Jonas Wahlfrid			
Issue 1 Draft B	2015-11-04	Jonas Wahlfrid			Mindre ändringar främst i rött
Issue 1 Draft C	2015-11-11	Jonas Wahlfrid			Java JDK path till bin
Issue 1 Draft D	2015-11-19	Jonas Wahlfrid			"prova att skapa ett nytt projekt"
Issue 1 Draft E	2015-12-07	Jonas Wahlfrid			Renodlat dokumentet till installation enbart
Issue 1 Draft F	2015-12-16	Jonas Wahlfrid			Ny version 12.8 av Together
Issue 1 Draft G	2016-03-06	Jonas Wahlfrid			Förtydligande Mac och JDK version

## 1. Inledning

Detta dokument beskriver hur ULM verktyget Together från Borland kan installeras. Dokumentet är förtydligande och utdrag ur "Borland® Together® 12.8 Release Notes"

[http://microfus.securehttp.internapcdn.net/secure\\_MicroFUS/Products/niche/together/12.8/readme\\_together.html?token=hfQCzVO2Nc87C5D](http://microfus.securehttp.internapcdn.net/secure_MicroFUS/Products/niche/together/12.8/readme_together.html?token=hfQCzVO2Nc87C5D)

## 2. Installation

Överväg att installera <http://www.classicshell.net/> om du har Windows 8.

Följ installationsinstruktionerna i "Borland® Together® 12.8 Release Notes"

[http://microfus.securehttp.internapcdn.net/secure\\_MicroFUS/Products/niche/together/12.8/readme\\_together.html?token=hfQCzVO2Nc87C5D](http://microfus.securehttp.internapcdn.net/secure_MicroFUS/Products/niche/together/12.8/readme_together.html?token=hfQCzVO2Nc87C5D)

Mjukvaran går att köra på vissa varianter av Linux men inte Mac. En lösning för Mac användare är att köra Windows på en Mac se <https://support.apple.com/sv-se/HT201258> Microsoft erbjuder Windows gratis till Mah studenter via DreamSpark, se <https://www.mah.se/itservice/programvara>

### 2.1. Sammanfattning av installationsinstruktionen

#### 2.1.1. JDK 8

1. Avinstallera alla Java JRE och JDK som finns installerat. Om det behövs flera versionen av JDK och JRE se dokumentet "Borland® Together® 12.8 Release Notes".
2. Ladda ner den senaste versionen av JDK 8 till ditt operativsystem, välj rätt version 32 (x86) eller 64 (x64) bitars OS <http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>
3. Installera JDK 8.
4. Sett path till att även innefatta "C:\Program Files\Java\jdk1.8.0\_74\bin" eller motsvarande. Se instruktionen <https://www.java.com/sv/download/help/path.xml>
5. Prova att PATH till JDK bin katalogen fungerar genom att starta ett kommandoradsfönstret med programmet cmd.exe. I kommandoradsfönstret skriv: java -version och kontrollera att ett svar fås och att det är rätt version av Java.

#### 2.1.2. Eclipse 4.5.1

1. Ladda ner Eclipse 4.5.1 från <http://download.eclipse.org/eclipse/downloads/drops4/R-4.5.1-201509040015/>
2. Packa upp zip filen och placera den t.ex. i C:\eclipse-SDK-4.5.1-win32-x86\_64. Placera inte Eclipse i "Program files" eftersom denna mapp är delvis skyddad mot skrivning.

### 2.1.3. Together

"For installing Together in an existing Eclipse instance, use Borland Together 12.8 archived update site or Borland Eclipse 4.5.1 online update site.

- Run the target Eclipse, invoke **Help > Install New Software...**
- It is recommended to uncheck option **Contact all update sites during install to find required software** in order to speed up the installation process. Both online and archived update sites contain all the needed components.
- Use **Add...** button to add new update site. Type URL of online Borland Update Site <http://altd.borland.com/update/eclipse4.5.1/> or press **Archive...** button to locate Together 12.8 archived site (**together12\_8\_site.zip**), which is available for download. Assign some friendly name to this site at the **Name** field.
- Once site added look for **Together 12.8** category.
- You may choose to install the whole set of features by checking the root node **Together 12.8**.
- Alternatively you may select only features you want to install. Keep the root node unchecked, expand it and check the features you need. Please pay attention to **required/optional** markers. The feature **Together Classic Modeling** is required and must be always installed.
- Once selection is made click **Next** to continue installation.
- Follow the prompts of Eclipse update manager to complete the installation. Particularly you will need to review and confirm your choices and read and accept the software license agreement.  
**Note:** Please ignore the warnings regarding the unsigned content referencing features with com.borland.\* IDs and some other which may appear when Update Manager validates the features to be installed.  
**Note:** With some older Java machines you may also get the prompt about trust code signing certificate **Micro Focus Limited;Micro Focus Limited** issued by **VeriSign, Inc.** Please make sure you select the suggested certificate in the list and agree to continue installation.
- At the end you will be prompted to restart Eclipse. Note that Together installs additional launchers and Together executable. When working with Together it is recommended you use the **Together** executable instead of the Eclipse. That will provide the proper defaults for the User Interface like perspectives, views, branding, etc.
- On Linux systems you should use script **together.sh** to run Together."

### 2.1.4. Micro Focus License Manager

"On Windows systems Together will ask you to install License Manager when you try to use Together functionality first time after installation (for example when you create your first project). You should choose Yes and follow the instructions of the Micro Focus License Manager installer. Also you can run the installer manually from your Together folder. lmsetupx86.msi for 32 bit systems and lmsetupx64.msi for 64 bit."

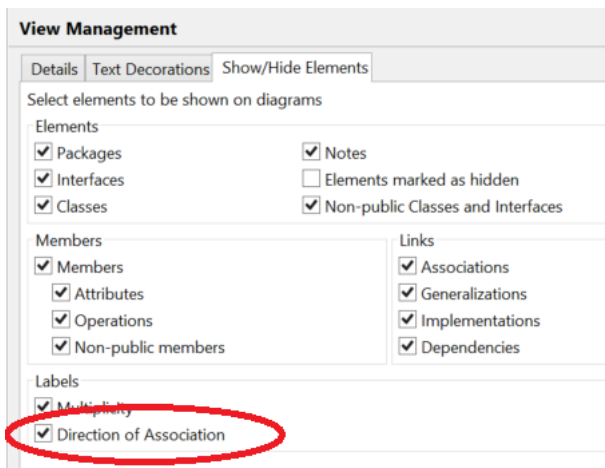
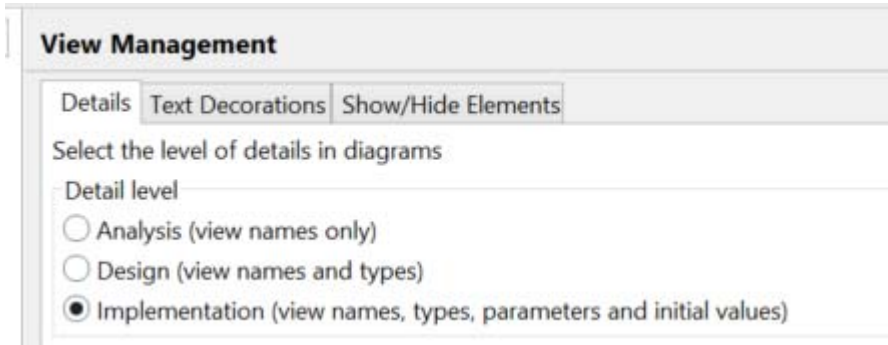
Om felmeddelandet: An error occurred during the installation of assembly Microsoft V90.CRT osv, visas tyder det på ett fel i Windows msi, (Microsoft installer). Kopierings lösningen med instruktion för att installera den lokala licens servern, trots trasigt Windows finns på i filen TogetherLicensManager2015\_11\_20\_1245.zip.

### 2.1.5. Licens server Together

1. Starta den lokala licenshanteraren "C:\Program Files (x86)\Common Files\SafeNet Sentinel\Sentinel RMS License Manager\WinNT\CesAdminTool.exe"
2. Välj Options | Advanced Configuration.
3. Ändra License server till: mah36.ts.mah.se
4. Tryck på Save knappen.

### 2.1.6. Grundinställningar Together

1. Starta Together genom att köra C:\eclipse-SDK-4.5.1-win32-x86\_64\eclipse\Together.exe
2. Välj Window > Preferences > Modeling > View Management
3. Ändra till:



4. Välj Window > Preferences > Modeling > Diagram
5. Ändra till:

