

IBM Express Runtime Quick Start Workshop

IIC Installation Guide

Part 1: Installing the Express Runtime product for Development

1. Install Windows Server 2003 or Windows XP (See ER22_Installation.ppt for the system requirements for IBM Express Runtime)
2. You will need to add a new user account with administrator authority
 - For Windows XP - From the **Control Panel** → **User Accounts**, create a new user account **er22admin** with administrator authority and set the password to **er22admin**.
 - For Windows 2003 – From the **Administrative Tools** → **Computer Management** → **Local Users and Groups**, use the **Action** → **New User...** to create a new user account **er22admin** with a password of **er22admin** and set option to **Password never expires**. Then select this user, and open **Properties**. On the **Member Of** tab, remove **Users** and add **Administrators**.
3. Insert Express Runtime disk 1, if you have autorun turned on, the Launch Pad program will automatically start. If you do not, you can run launchpad.exe from disk 1.
4. The Express Runtime Launch Pad screen will appear. If the course is going to be taught in a language other than English, you may select another language using the dropdown → **Language selection** (See Figure 1 – Step 1).
5. Click on **Install** (See Figure 1 – Step 2).
6. Click on **Installation for Development** (See Figure 1 – Step 3).

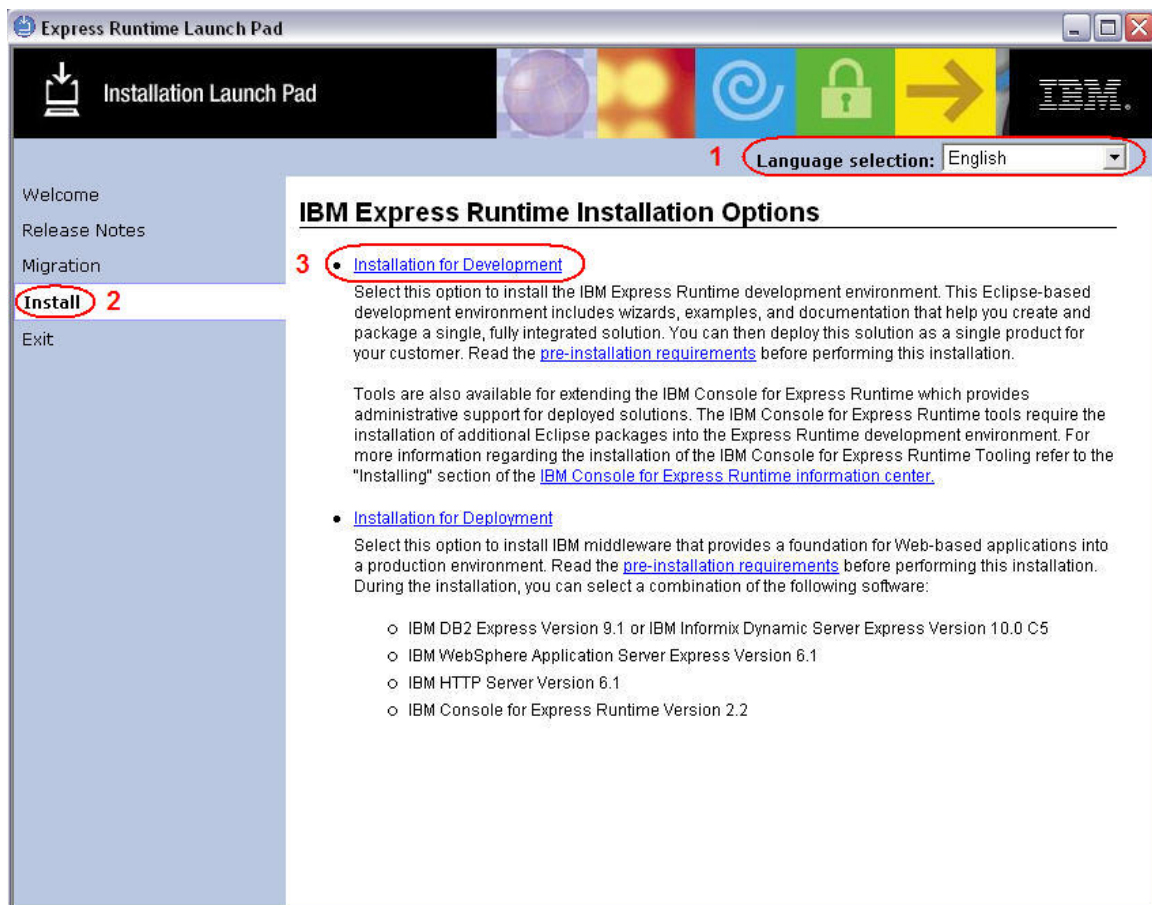


Figure 1 Express Runtime Launch Pad

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7. This will bring up the InstallShield for Express Runtime.
8. On the **IBM Express Runtime 2.2 Installer - Welcome** screen, click **Next**.
9. On the **License Agreement** screen, select **I accept** and click **Next**.
10. On the **Installation location** screen, click **Next**.
11. On the **Middleware options** screen (see Figure 2), select only **Middleware for Windows** and click **Next**.

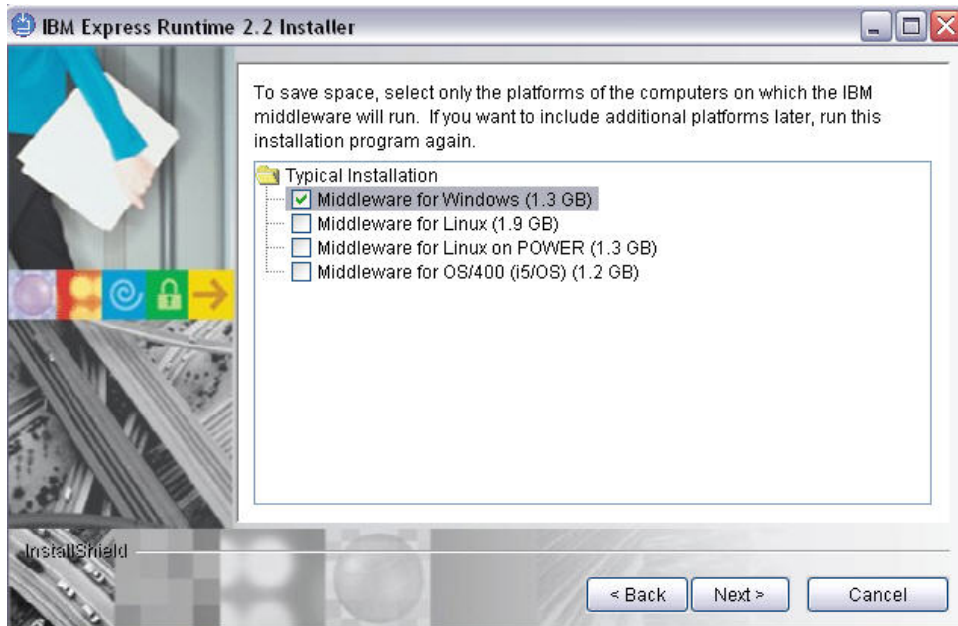


Figure 2 Middleware option screen

12. On the **Summary** screen, click **Next**.

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13. The first half of the installation begins and runs for approximately one hour.
14. On the Installation complete screen (see Figure 3), make sure that **Launch First Steps panel** is un-checked and click **Finish** to complete the first half of the install.

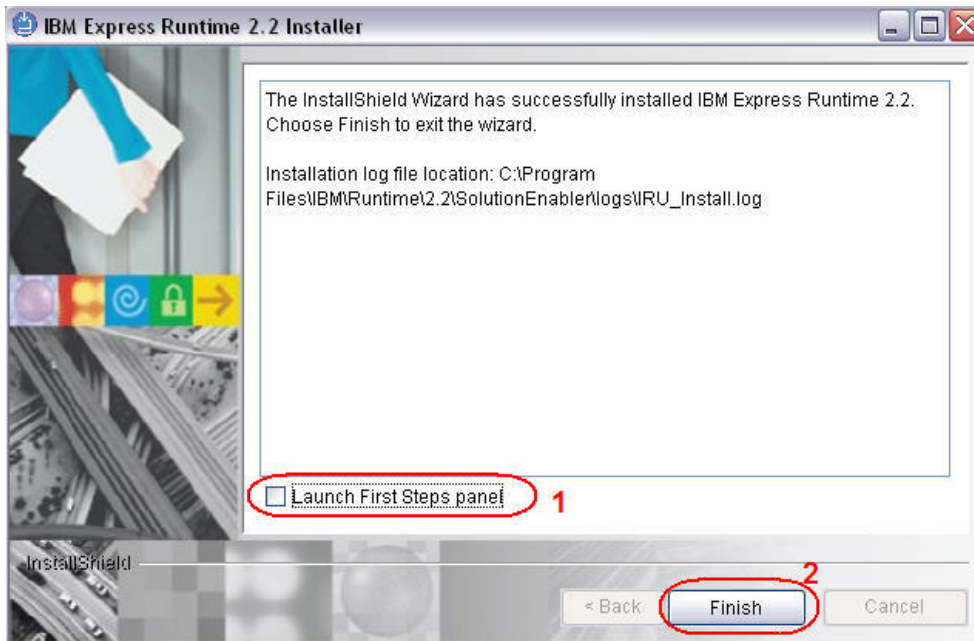


Figure 3 Installation complete screen

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Part 2: Installing the Workshop solution

1. Back on the Express Runtime Launch Pad (Figure 4), click on **Installation for Deployment**.

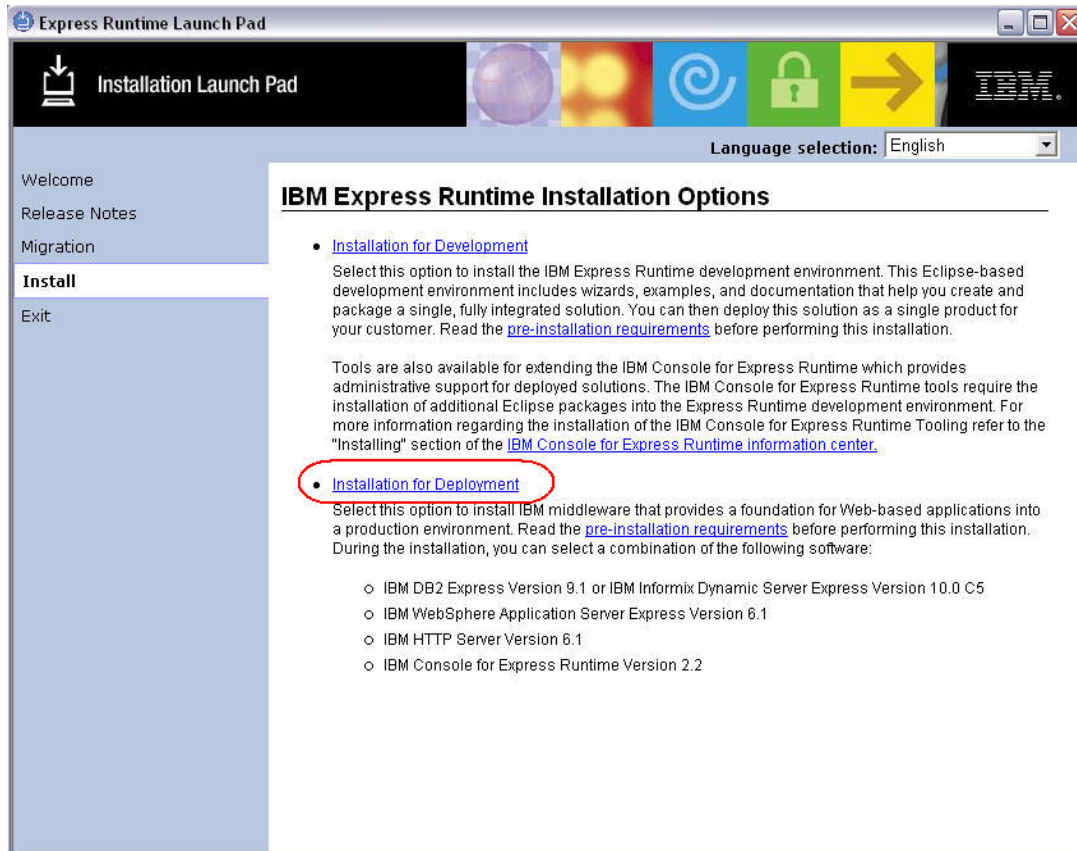


Figure 4 Express Runtime Launch Pad

2. On the **License Agreement** screen, select **I accept** and click **Next**.
3. You will see a progress indicator – **Installing temporary files...**
4. On the **Deployment Wizard - Welcome** screen, click **Next**.

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5. On the **Select Tasks** screen (Figure 5), select all 4 options and click **Next**.

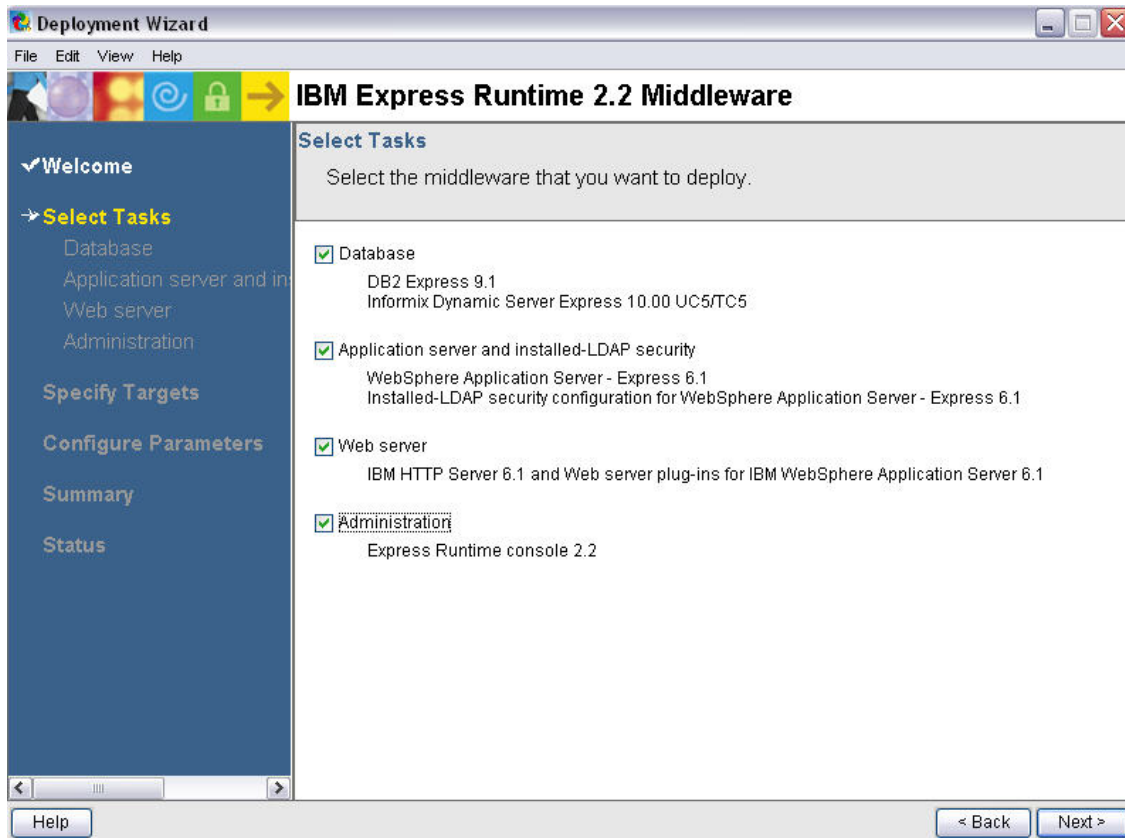


Figure 5 Select Tasks screen

6. On the **Database** screen, select **DB2 Express** and click **Next**.
7. On the **Application server** screen, select **WebSphere Application Server - Express** and click **Next**.
8. On the **Web server** screen, select **IBM HTTP Server** and click **Next**.
9. On the **Administration** screen, select **Express Runtime console 2.2** and click **Next**.

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10. On the **Specify Target Computers – DB2 Express** screen (Figure 6), enter the following data:

- Target Computer: **localhost**
- User ID: **er22admin**
- Password: **er22admin**
- Select **Save this login information**
- Click **Next**.

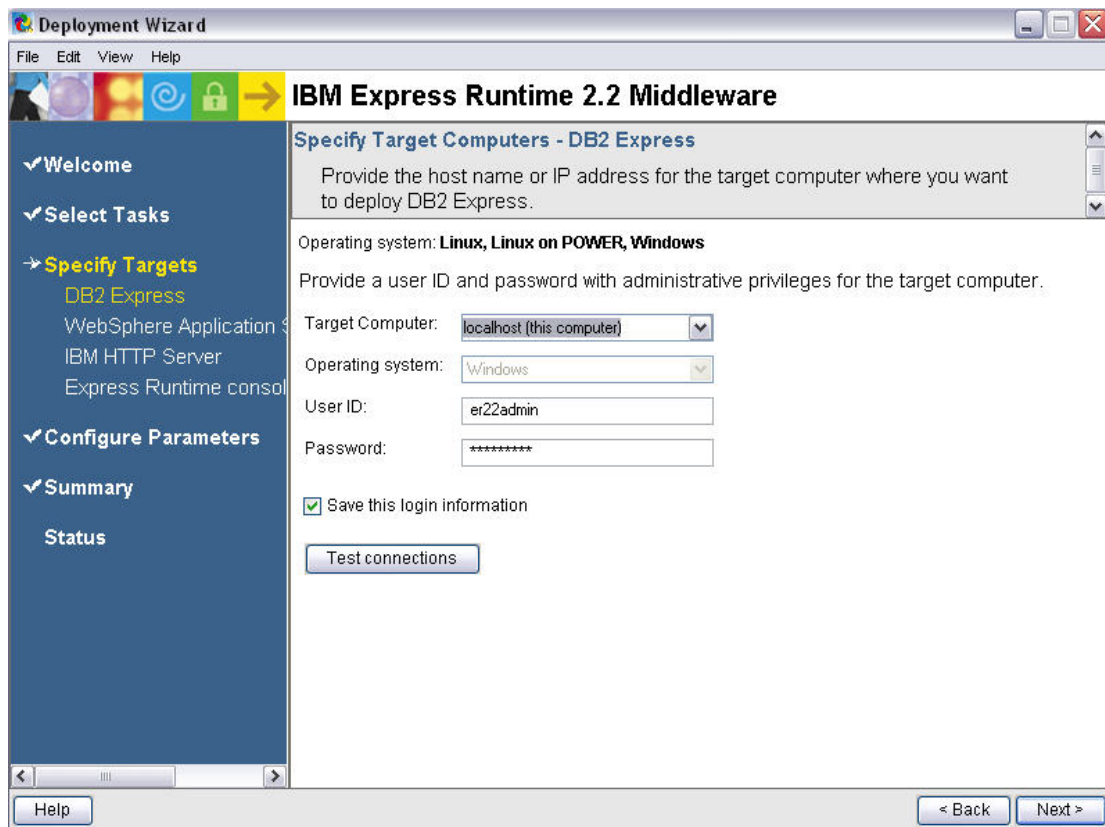


Figure 6 Specify Target Computers screen

11. On the **Specify Target Computers – WebSphere Application Server - Express** screen, the Target Computer should be **localhost**, click **Next**.
12. On the **Specify Target Computers – IBM HTTP Server** screen the Target Computer should be **localhost**, click **Next**.
13. On the **Specify Target Computers – Express Runtime console 2.2** screen the Target Computer should be **localhost**, click **Next**.

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14. On the **Configure Parameters – DB2** screen (Figure 7), enter the following data:

- DB2 Instance User Name: **er22admin**
- DB2 Instance User Password: **er22admin**
- Verify password: **er22admin**
- DB2 Administration Server (DAS) User Name: **er22admin**
- DB2 Administration Server (DAS) User Password: **er22admin**
- Verify password: **er22admin**
- Click **Next**.

Deployment Wizard

File Edit View Help

IBM Express Runtime 2.2 Middleware

Configure Parameters - DB2 Universal Database Express Edition for Windows

Provide information for the configuration parameters and click Next.

Typical Advanced

* DB2 Copy Name: DB2

* DB2 Instance Name: DB2

* DB2 Instance User Name: er22admin

* DB2 Instance User Password: *****

* Verify password: *****

* DB2 Administration Server (DAS) User Name: er22admin

* DB2 Administration Server (DAS) User Password: *****

* Verify password: *****

The password to be used for the DAS user.

* DB2 port number: 50000

Help < Back Next >

Figure 7 Configuration Parameters – DB2 screen

15. On the **Configure Parameters – WebSphere Application Server** screen, click **Next**.

16. On the **Configure Parameters – HTTP Server** screen, click **Next**.

17. On the **Configure Parameters – Web server plug-in** screen, click **Next**.

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18. On the **Configure Parameters – Express Runtime console for Windows** screen (Figure 8), enter the following data:

- Console administrator ID: **er22admin**
- Console administrator password: **er22admin**
- Verify password: **er22admin**
- Click **Next**.

The screenshot shows the 'Configure Parameters - Express Runtime console for Windows' screen in the IBM Express Runtime 2.2 Middleware Deployment Wizard. The 'Typical' tab is selected, and the 'Console administrator ID' field is highlighted with a red box. The 'Console administrator password' and 'Verify password' fields are also highlighted with a red box. The 'Installation directory' is set to 'C:\Program Files\IBM'. The 'Use LocalSystem as the console service user?' option is selected as 'Yes'. The 'HTTP port' is set to 1180 and the 'HTTPS port' is set to 1443.

Figure 8 Configuration Parameters – Express Runtime console screen

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19. On the **Summary Panel** screen (Figure 9), click **Deploy All**.

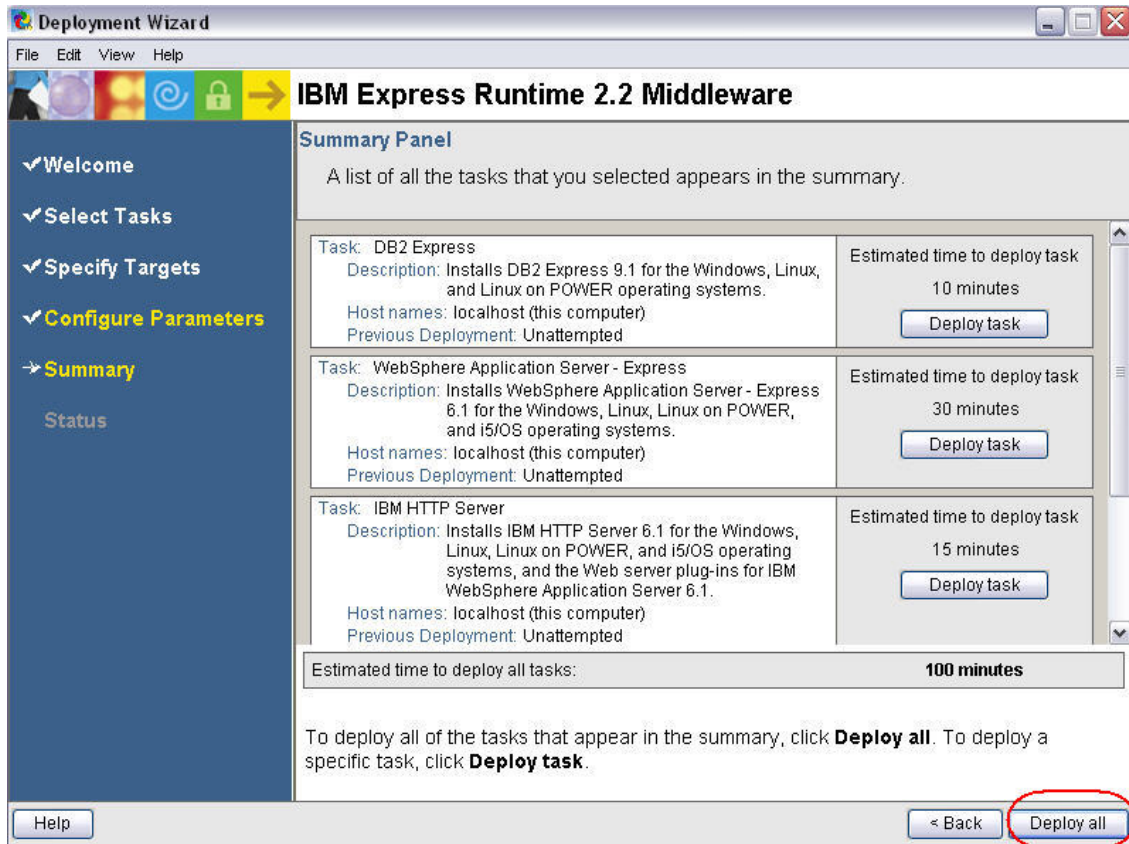


Figure 9 Summary screen

20. The second half of the installation begins and runs for approximately 100 minutes.

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21. On the Deployment status screen (see Figure 10), if you do not see 100% successful, contact Express Runtime technical support.
22. If it is successful, click **Close** to complete the second half of the install.

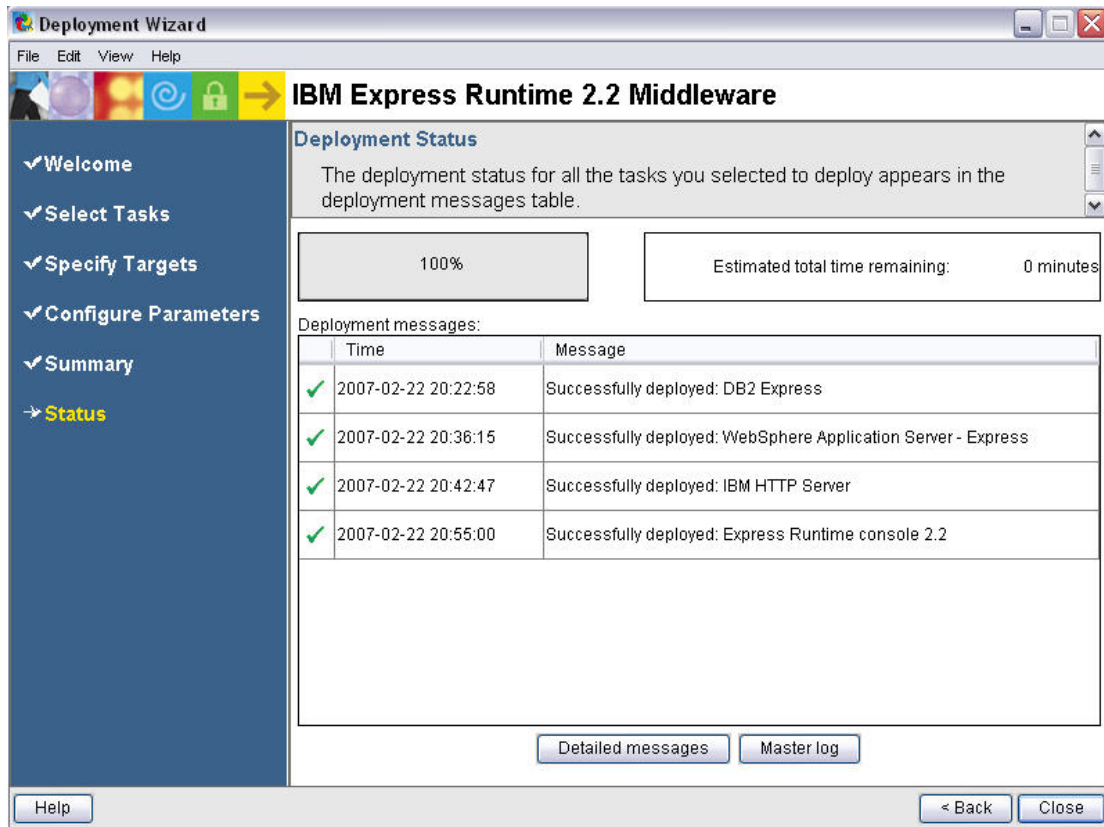


Figure 10 Deployment status

23. You will be prompted – **Do you want to save the changes?** Click **No**.
24. You will be prompted – **Do you want to exit the deployment wizard?** Click **Yes**.
25. On the Express Runtime Launch Pad, click on **Exit**.
26. You will be prompted – **Are you sure you want to exit?** Click **OK**.