

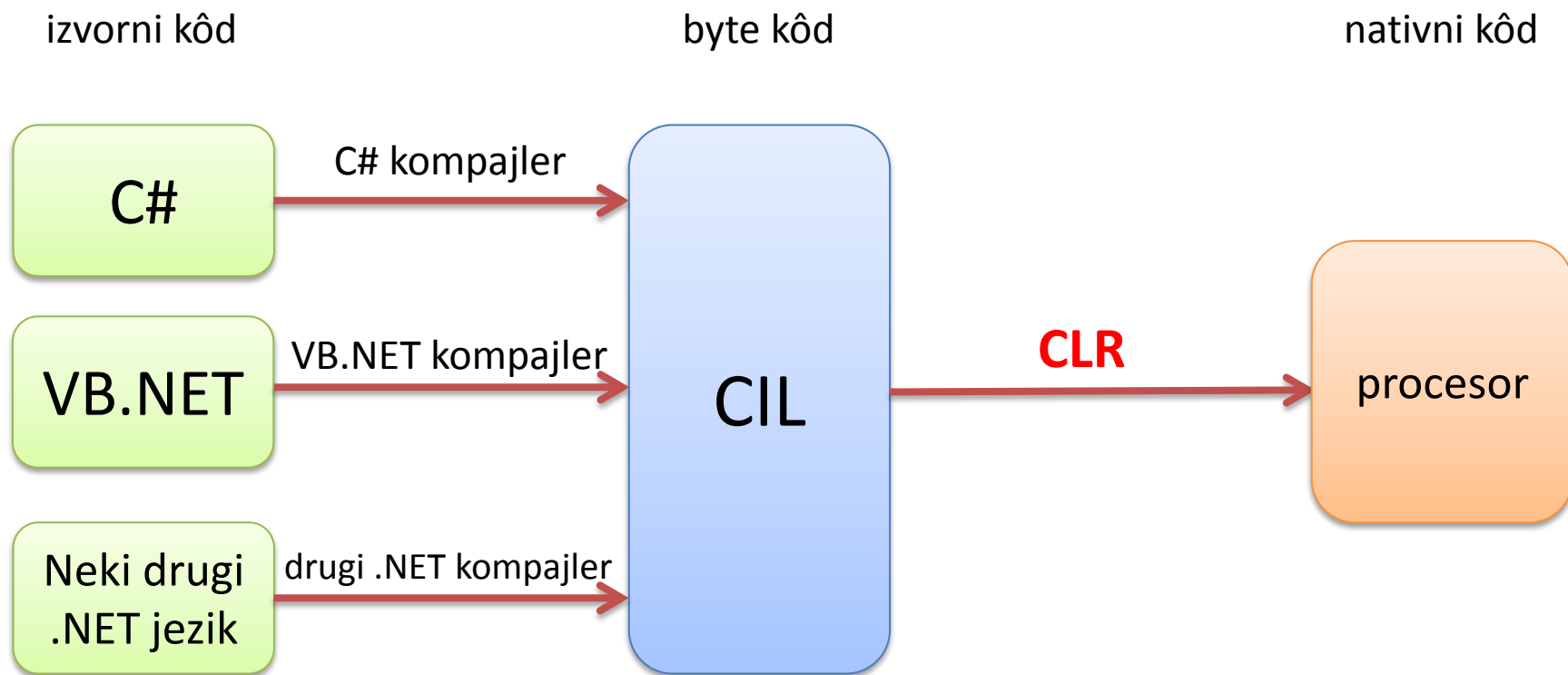
.NET Framework

O .NET Framework-u

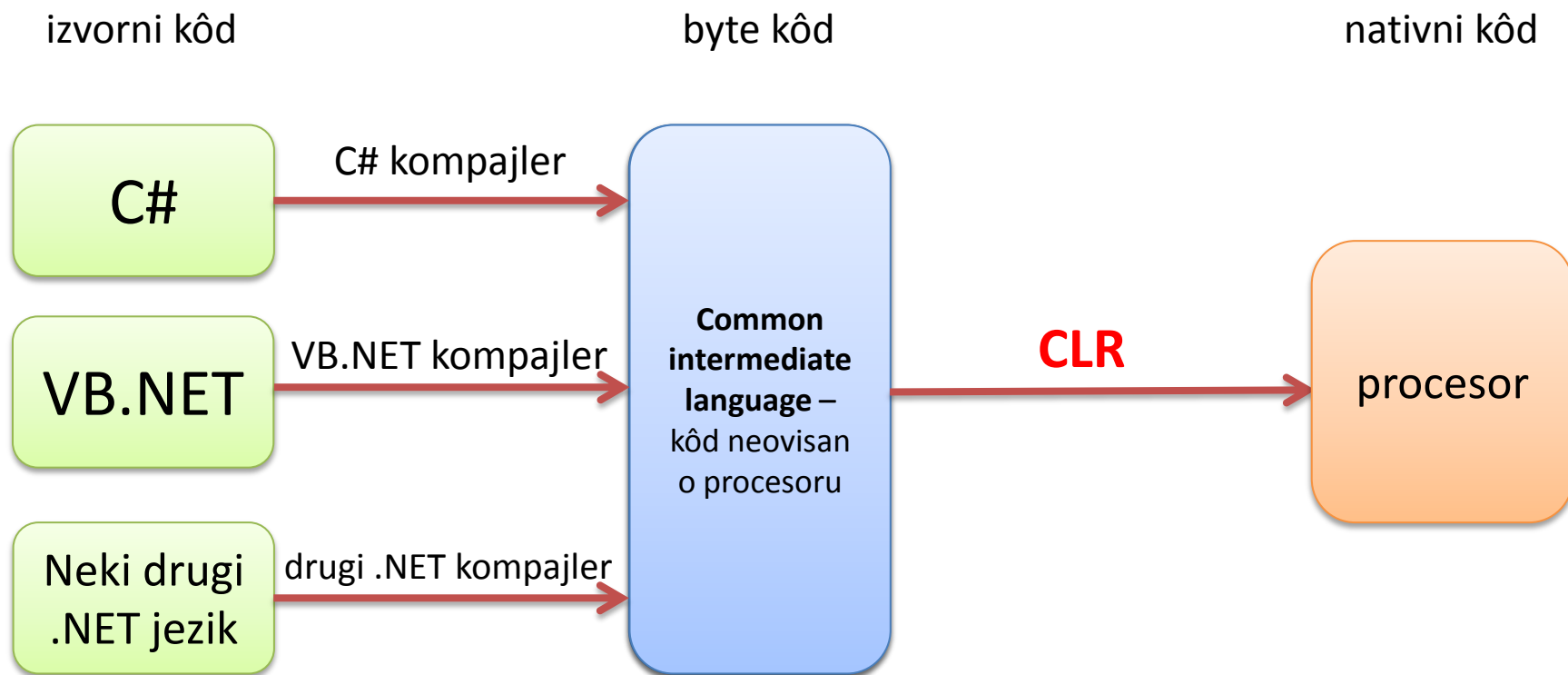
- integralna Windows komponenta koja podržava izradu i izvršavanje aplikacija i web servisa
- ključne komponente .NET Framework-a su:
 - CLR (*common language runtime*)
 - *.NET Framework class library* (FCL)

CLR

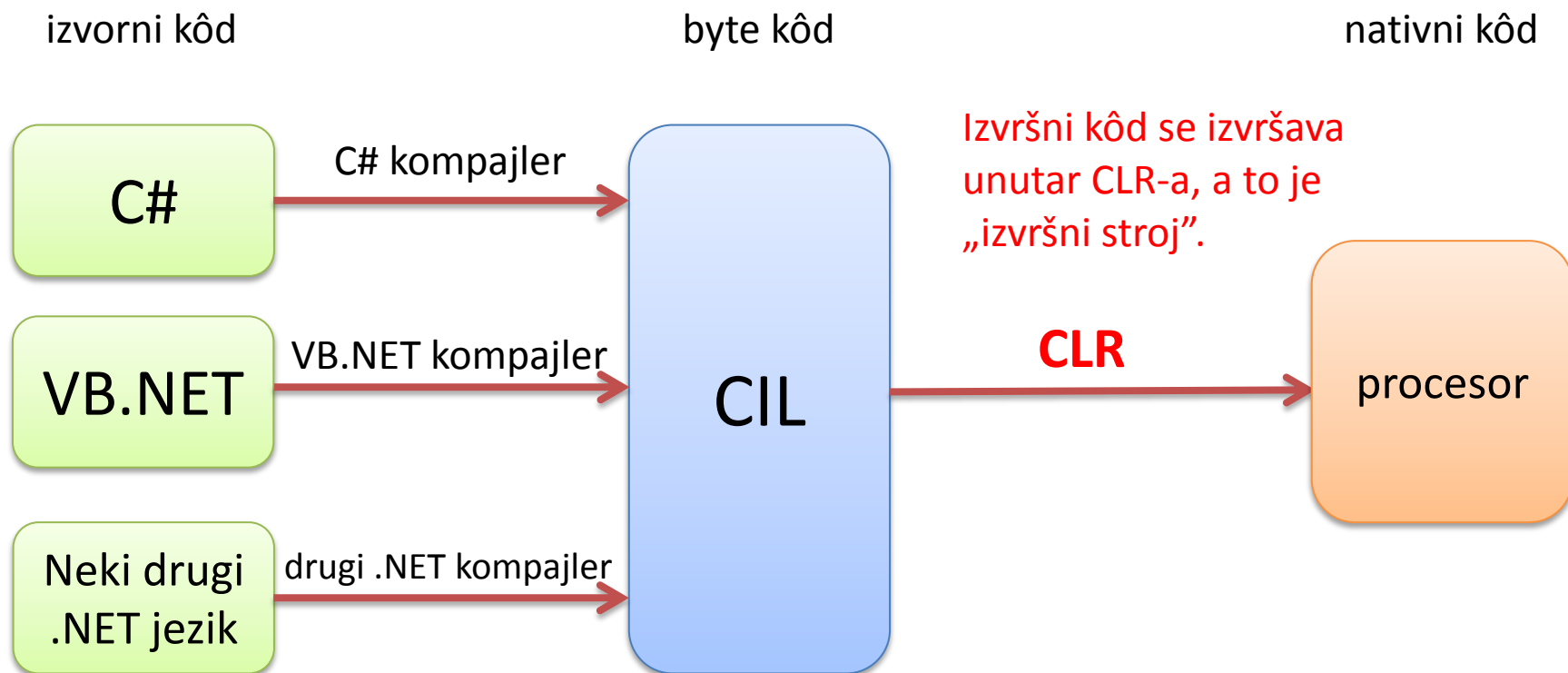
- Je virtualni stroj .NET Framework-a
- Upravlja i izvršava programe pisane u .NET jezicima



Slika 3. CLR konvertira CIL u nativni kod



Slika 3. CLR konvertira CIL u nativni kod

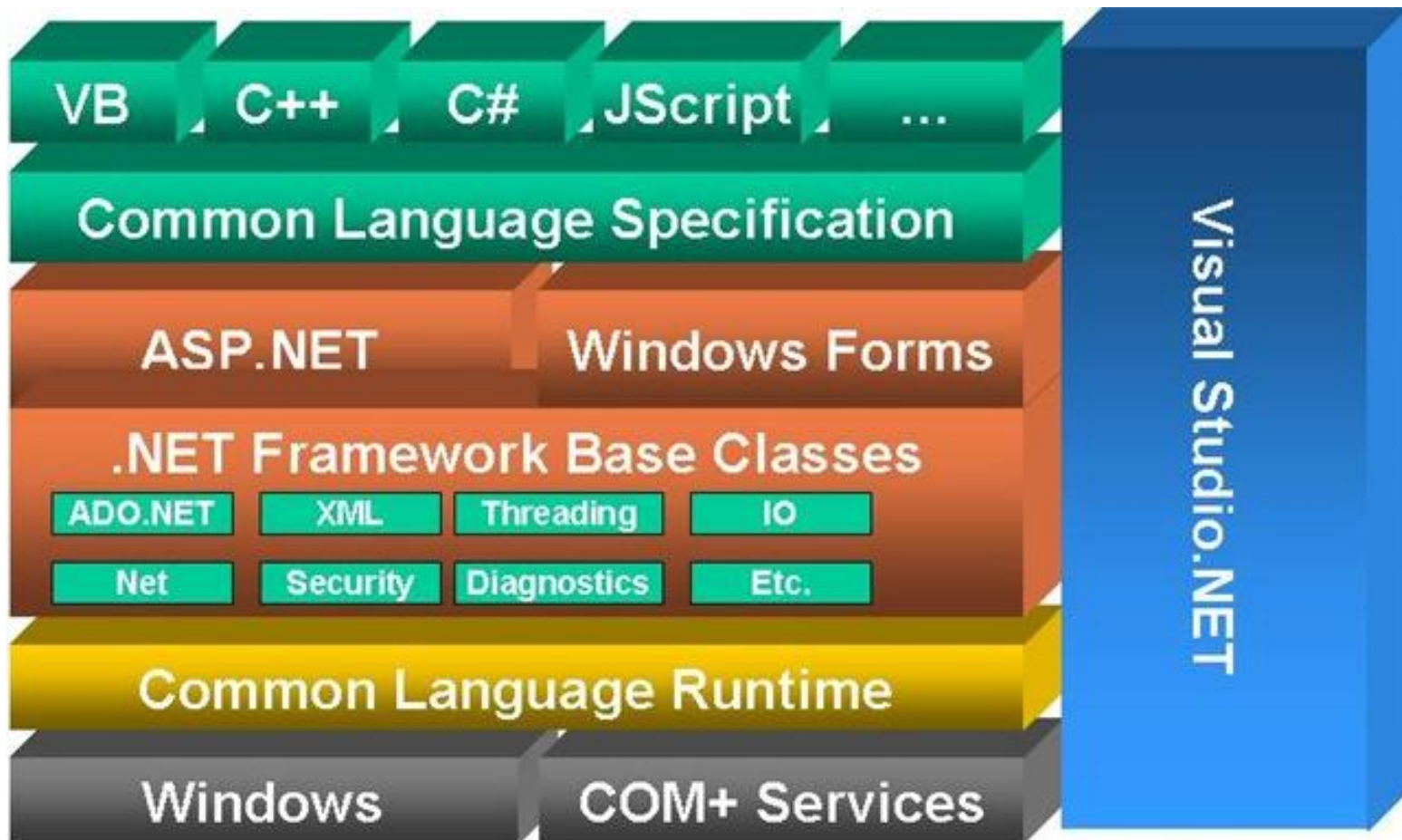


Slika 3. CLR konvertira CIL u nativni kod

.NET Framework class library

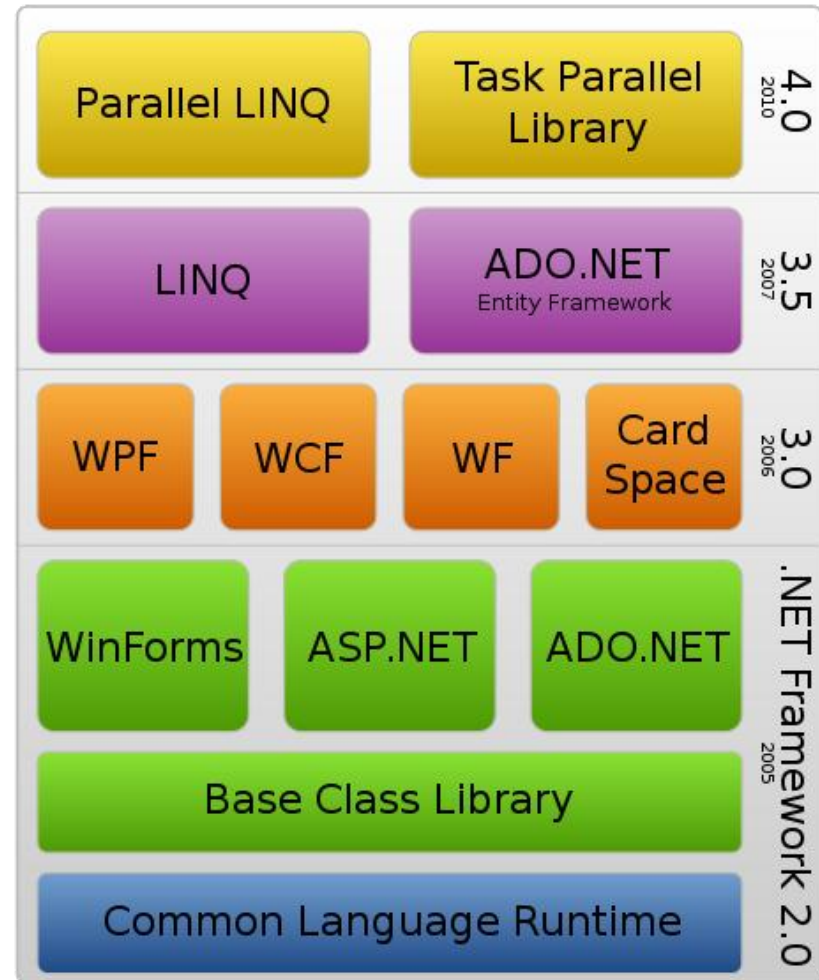
Namespace	Objašnjenje
<code>System</code>	Sadrži osnovne i bazne klase koji definiraju često korištene tipove podataka, sučelja, događaje, iznimke.
<code>System.Drawing</code>	Sadrži klase za osnovne grafičke funkcionalnosti.
<code>System.IO</code>	Sadrži klase za ulaz i izlaz podataka.
<code>System.Data</code>	Sadrži klase za upravljanje i pristup podataka iz različitih izvora (npr. baza podataka).
<code>System.Linq</code>	Sadrži klase za upite nad bazom podataka (Language-Integrated Query - LINQ).
<code>System.Net</code>	Sadrži klase za rad sa mrežnim protokolima.
<code>System.Text</code>	Sadrži klase koje predstavljaju enkodiranje znakova u ASCII i <i>Unicode</i> .
<code>System.Threading</code>	Sadrži klase za višenitno (višedretveno) programiranje.
<code>System.Web</code>	Sadrži klase za browser/server komunikaciju.
<code>System.Windows</code>	U ovom imeniku se nalazi <code>System.Windows.Forms</code> za razvoj Windows Forms aplikacija.
<code>System.Xml</code>	Sadrži klase za obradu XML.

.NET arhitektura



Verzije

- 1.1
- 2.0
- 3.0
- 3.5
- 4.0
- 4.5 Beta



Slika 3. .NET Framework stog

Verzije

- 1
- 2
- 3
- 3
- 4
- 4









The screenshot displays the Windows CardSpace application window. The title bar reads "Windows CardSpace". The main content area is titled "Choose a card to send to: Fabrikam". Below this, there is instructional text: "To see or edit card data before you send it, select a card, and then click Preview. To create a new card, click Add a card and then click Add." The interface is divided into two main sections: "Cards you've sent to this site:" and "Your other cards:". The "Cards you've sent to this site:" section contains two cards: "Personal Card" (with an "Esc" key icon) and "Woodgrove Bank". The "Your other cards:" section contains four cards: "blowdart Information Card", "blowdart (Account)" (VeriSign Labs Personal Identity Provider Account Card), "blowdart (Identity)" (VeriSign Labs Personal Identity Provider Identity Card), and "Live Labs STS: User..." (Microsoft Live Labs Security Token Service). A blue banner at the bottom of the window contains the text: "To send this card now, click Send. To review the data before you send it, click Preview." Below the banner are "Send" and "Preview" buttons. On the right side of the window, there is a "Tasks" menu with the following options: Duplicate card, Delete card, Add a card, Back up cards, Restore cards, Preferences, Delete all cards, Disable Windows CardSpace, Which card should I send?, Help, and Learn more about this site.

Background cards (from top to bottom):

- Task Parallel Library 4.0 2010
- ADO.NET Entity Framework 3.5 2007
- WF Card Space 3.0 2006
- ADO.NET .NET Framework 2005
- Library
- Common Language Runtime .NET Framework 2.0 2005

Slika 3. .NET Framework stog

Značenje ikona

ikona	značenje
	svojstvo
	metoda
	klasa
	protected metoda
	sučelje (<i>interface</i>)
	statički član
	Enumeracija
	dogadjaj