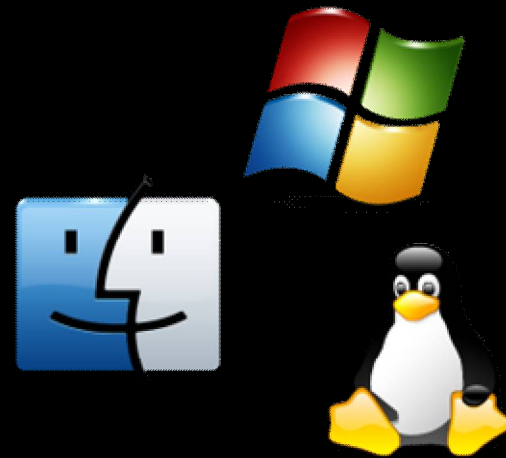




Systemy operacyjne

komputer = hardware + software



Co to jest?



System operacyjny

(angielski skrót OS Operating System)

**oprogramowanie zarządzające
sprzętem komputerowym, tworzące
środowisko do uruchamiania i
kontroli zadań użytkownika.**

Zadania systemu operacyjnego

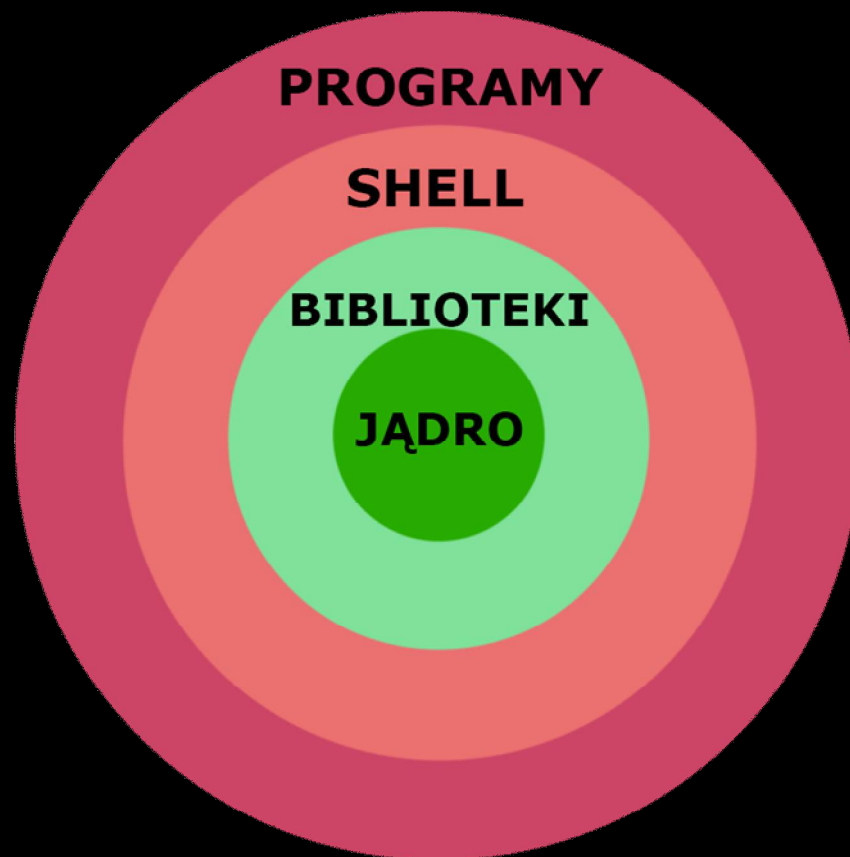


- zarządzanie sprzętem,
- zarządzanie użytkownikami,
- zarządzanie plikami,
- zarządzanie połączeniami sieciowymi.

Budowa systemu operacyjnego



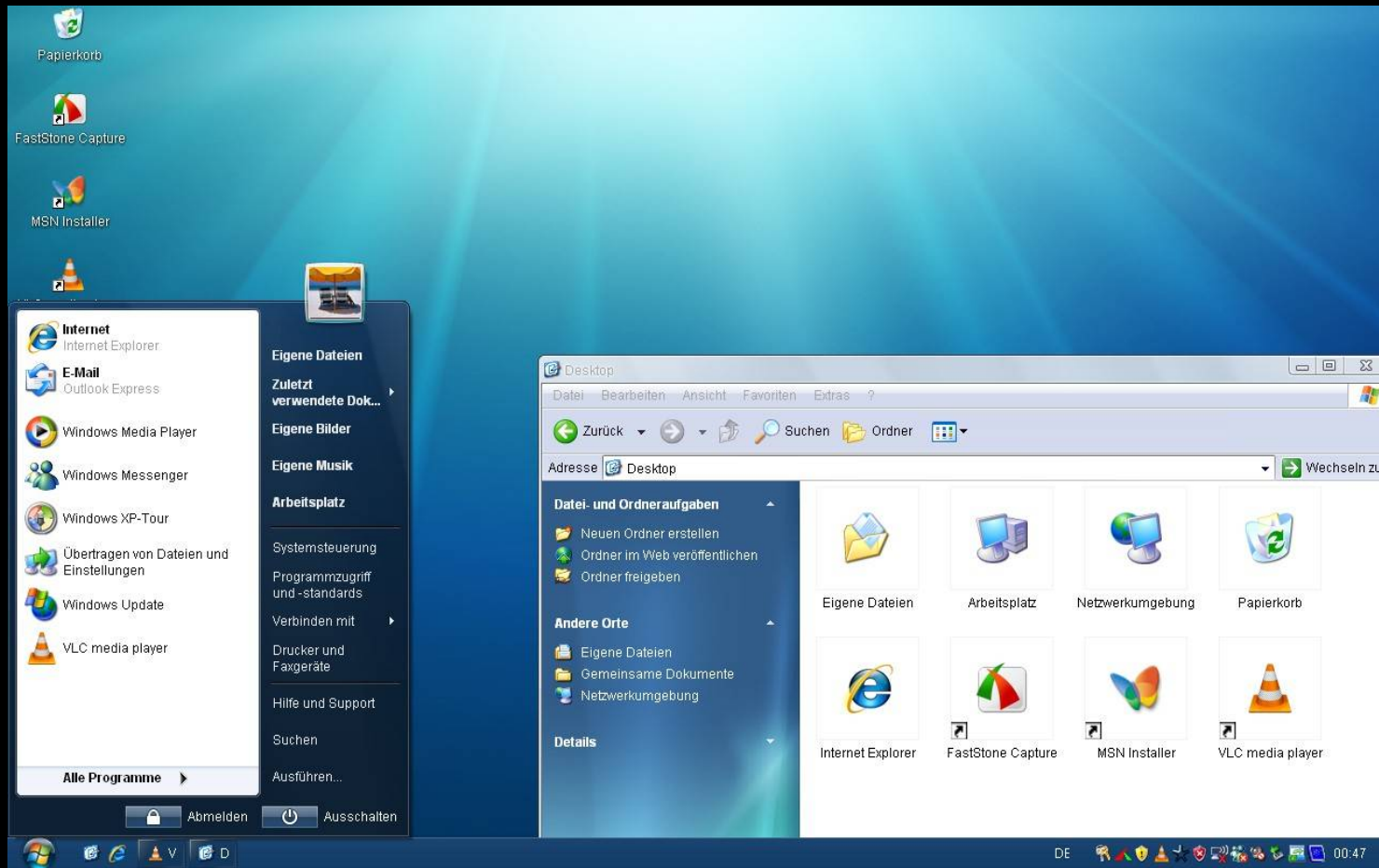
- **jądro systemu** wykonujące i kontrolujące ww. zadania,
- **powłoka** – specjalny program komunikujący użytkownika z systemem operacyjnym,
- **system plików** – sposób zapisu struktury danych na nośniku.



Wybrane systemy operacyjne:



Microsoft Windows 7



Microsoft Windows 8



Start

Justin Harrison 

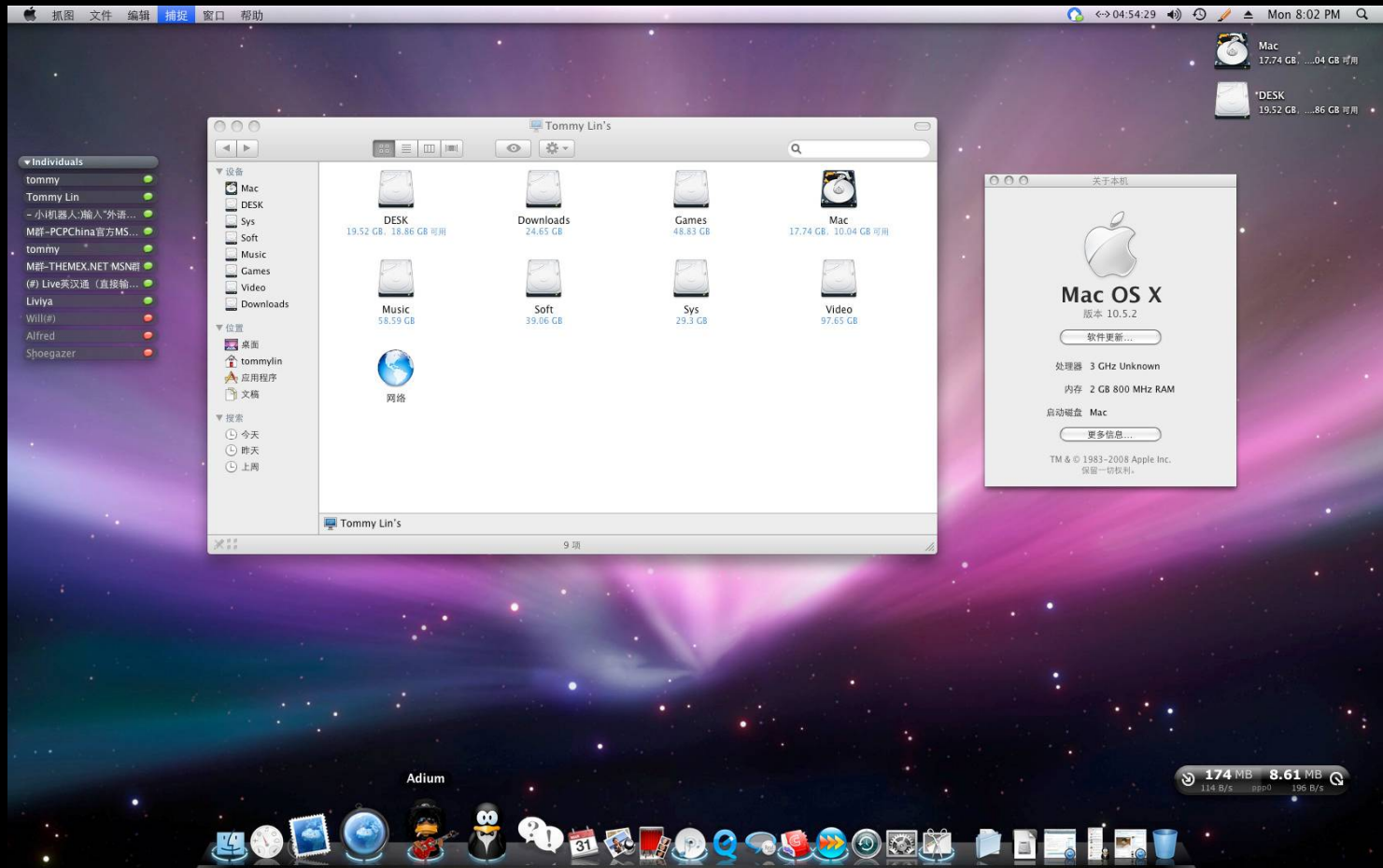
The Start screen features a grid of live tiles. The top row includes a Mail tile for Wendy Teo with an email preview, Internet Explorer, and the Windows Store. The second row contains Bing, a stock tile for ADATUM showing a price of 143.71 and a +0.53% change, and Music Maker Jam. The third row shows a calendar tile for 'Soccer practice' at a rec center from 5:30 PM to 8:00 PM on Friday, Photos, Maps, SkyDrive, Travel, a Sports tile with a trophy icon, Skype.com, and Xbox.com. The fourth row includes Messaging, a Weather tile for Seattle, WA showing 71°F and mostly sunny conditions, Games, Camera, Skype.com (with Peter Dinkoff's profile picture), and MSN.com. The bottom row features Desktop, a News tile about a hot air balloon festival, Music, Video, and News Republic.

Microsoft Windows 10



A screenshot of the Windows 10 desktop interface. The background is a solid blue color. In the top left, there is a Recycle Bin icon and a "Welcome to Tech Preview" message. The Start menu is open, showing a list of apps including Documents, Pictures, PC settings, File Explorer, Snipping Tool, Calculator, Paint, Sticky Notes, and Games. The taskbar at the bottom contains icons for the Start menu, Search, File Explorer, Edge, Store, and Games. The desktop features several live tiles: a power button, a search tile, a mail tile, a calendar tile showing "30 Tuesday", a weather tile for Los Angeles (72° Sunny, 81°/62°), a social media tile for Twitter, a travel tile for TripAdvisor, a Microsoft Store tile, and a tile for "Innovative ways to teach computers to kids". The system tray in the bottom right corner shows the time as 10:24 AM on 9/30/2014 and includes icons for keyboard, mouse, network, and volume. A watermark in the bottom right corner reads "Windows Technical Preview Evaluation copy. Build 9841".

Mac Os – OS X



Ubuntu Linux

A screenshot of the Ubuntu Linux desktop environment. The search bar at the top contains the text "Kind of Blue". The search results are organized into four categories: Reference, Applications, More suggestions, and Music. The Reference section shows five results, including three Wikipedia entries and a "see more scopes..." link. The Applications section shows nine system applications. The More suggestions section shows ten album covers with their titles and prices. The Music section shows nine album covers, including "deadmau5 - Some kind of blue" and "Kind of Blue" by Miles Davis.

Kind of Blue

Filter results >

Reference

- Kind of Blue (band)
- Kind of Blue (TQ album)
- Kind of Blue (disambiguation)
- see more scopes...
- Kind of Blue

Applications See 4 more results >

- Ubuntu One
- System Log
- Image Viewer
- Sound
- Mines
- Ubuntu One Music
- Passwords and Keys
- Time & Date
- Software & Updates

More suggestions See 21 more results >

- Kind Of Blue - Kind of Live [2004]
- TQ - Kind Of Blue [2010]
- Nordgarden - A ... Kind of Blue [2006]
- Bitter Blue - One Of A Kind [2004]
- Bourbon Street - Kind of Blues [2011]
- Miles Davis - Kind Of Blue [2011]
- Complot-Bronswick - A kind of blue [2005]
- Sam Cooke - My Kind Of Blues [2011]
- Luca Ciordano - My Kind of Blues [2011]

Music See one more result >

- deadmau5 - Some kind of blue
- Kind of Blue
- Kind of blue (NEW-extended version)
- Miles Davis - Kind of Blue - 26-03-2013
- Under The Canopy
- Some kind of blue (Panzerkreuz 1010)
- Some Kind of Blue
- Some Kind of Blue
- Kind Of Blue (Unmastered Preview)

Android



System Operacyjny



- To najważniejszy program (grupa programów) w komputerze.
- Nowoczesny system operacyjny posiada środowisko graficzne ułatwiające komunikację maszyny z użytkownikiem.