✨ NEW Item Badge - Quick Summary
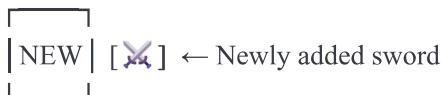
What You Get

When items are added to inventory, they show a **green pulsing "NEW" badge** for 5 seconds:

```
┌─────┐
│ NEW │ [⚔] ← Newly added sword
└─────┘
```

3 Simple Steps to Enable

1. UIInventorySlot.java

✅ **Already updated** in the debug version - no changes needed!

2. UIScrollableInventoryPanel.java

ADD this method:

```java
public boolean addItemToCurrentTab(Item item, boolean markAsNew) {
    // ... existing item adding logic ...

    // ★ ADD THIS at the end, before return:
    if (markAsNew && addedToSlotIndex != -1) {
        List<ItemStack> filteredStacks = getFilteredItemStacks(currentTab);
        for (int i = 0; i < filteredStacks.size() && i < slots.size(); i++) {
            ItemStack stack = filteredStacks.get(i);
            if (stack != null && sharedInventory[addedToSlotIndex] == stack) {
                slots.get(i).markAsNew(); // ← This line marks it as NEW
                break;
            }
        }
    }

    return addedToSlotIndex != -1;
}
```

3. UIManager.java

UPDATE addItemToInventory:

```java
java

public boolean addItemToInventory(Item item) {
    return addItemToInventory(item, true); // ← true = show NEW badge
}

public boolean addItemToInventory(Item item, boolean markAsNew) {
    if (inventoryGrid != null) {
        return inventoryGrid.addItemToCurrentTab(item, markAsNew);
    }
    return false;
}
```

Usage

Show "NEW" badge (default):

```java
java

addItemToInventory(ItemManager.createHealthPotion());
```

Don't show badge:

```java
java

addItemToInventory(ItemManager.createHealthPotion(), false);
```

Visual Result

Before:

[⚔️] [🛡️] [💍] [🧪] [🪵]

After adding 2 potions:

[⚔️] [🛡️] [💍] [🧪] [🪵]

[NEW] [NEW] ← Green, pulsing

[🧪] [🧪]

After 5 seconds:

[⚔️] [🛡️] [💍] [🧪] [🪵] [🧪] [🧪] ← Badges fade away

Features

- ✅ **Auto-fades** after 5 seconds
- ✅ **Pulses/glows** to draw attention
- ✅ **Independent timers** per item
- ✅ **Works with stacking** items
- ✅ **Survives tab switching**
- ✅ **Doesn't interfere** with stack counts

Perfect For

- 🎁 Quest rewards
- 💰 Shop purchases
- 🎲 Loot drops
- ⚔️ Crafted items
- 📫 Mail attachments
- ✨ Any new item!

That's it! The system helps players instantly see what they just received! 🎉