ActionResult vs IActionResult

ايه هوا ال ActionResult:

ال ActionResult عبارة عن كلاس بتمثل ال return type لل Control Method

امثلة علي ال ActionResult types:

* ViewResult
* ContentResult
* JsonResult
* HttpStatusCodeResult

ايه هوا ال IActionResult:

هوا عبارة عن Interface بيمثل ال result of an action method in controllers. ال ActionResult class بتنفذ ال IActionResult Interface ف بالتالي ال IActionResult بتوفر Flexibility and Compatibility.

بالتلي استخدام ال IActionResult افضل من استخدام ActionResult

Examples:

1- Future Compatibility

public IActionResult Download()

{

return new MyCustomFileResult("file.pdf");

}

لو ال MyCustomFileResult ب implement IActionResult اقدر اعمل return ل اي Type من ال method

2-

public class ProductController : Controller

{

public IActionResult Details(int id)

{

if (id <= 0)

{

return BadRequest("Invalid ID");

}

var product = GetProductById(id);

if (product == null)

{

return NotFound();

}

return View(product);

}

}

Same example with ActionResult

public ActionResult Details(int id)

{

if (id <= 0)

{

return new HttpStatusCodeResult(400, "Invalid ID"); // Older way

}

var product = GetProductById(id);

if (product == null)

{

return HttpNotFound(); // Not very flexible

}

return View(product);

}