

# Remoting AS3

avec



Cédric Tabin  
[www.astorm.ch](http://www.astorm.ch)

# Agenda



- Overview
- Requirements
- Live demo
- Resources
- Q & A

# Overview



- Remoting ? AMF ? RPC ?

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Service Provider (PHP)

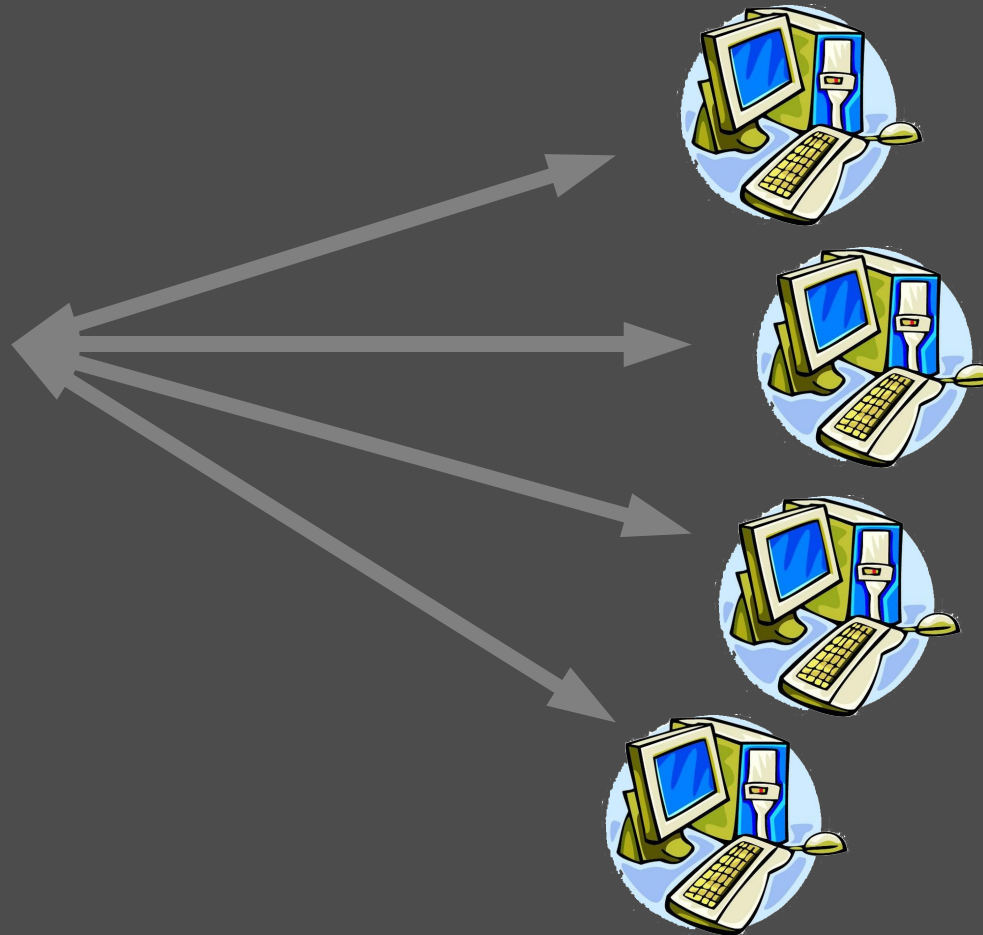
# Overview



- Remoting ? AMF ? RPC ?



Service Provider (PHP)



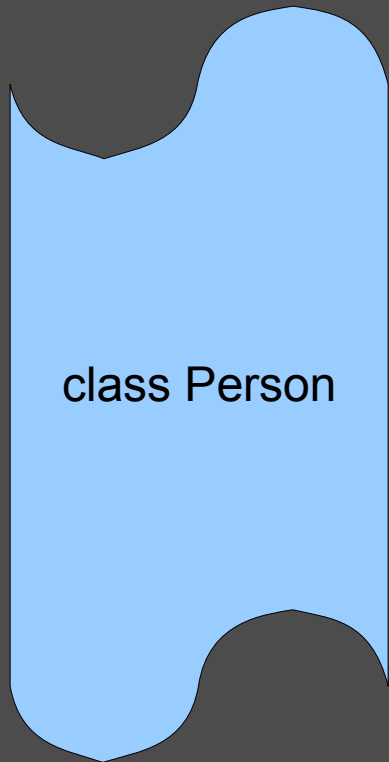
Clients (AS3)

# Overview



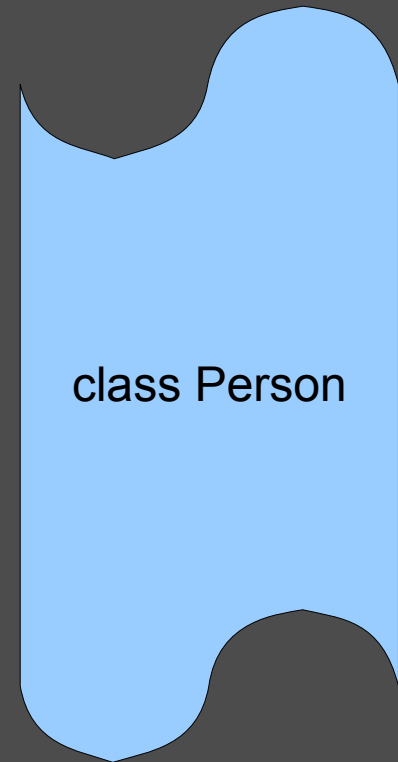
- Action Message Format
- Loosely based on SOAP
- AMF3 : Flex data services
- AMF0 : Flash remoting

# Overview



class Person

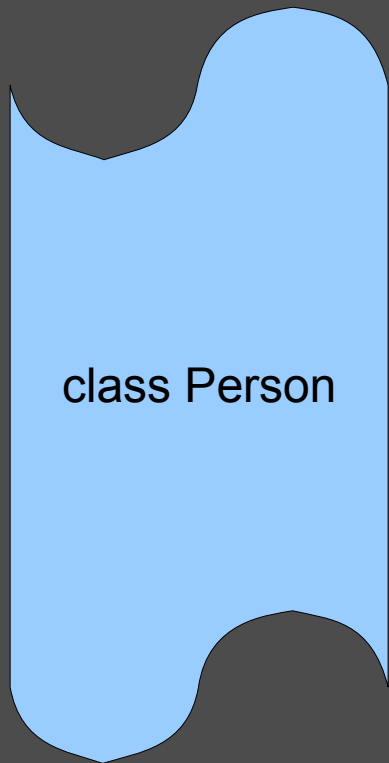
PHP



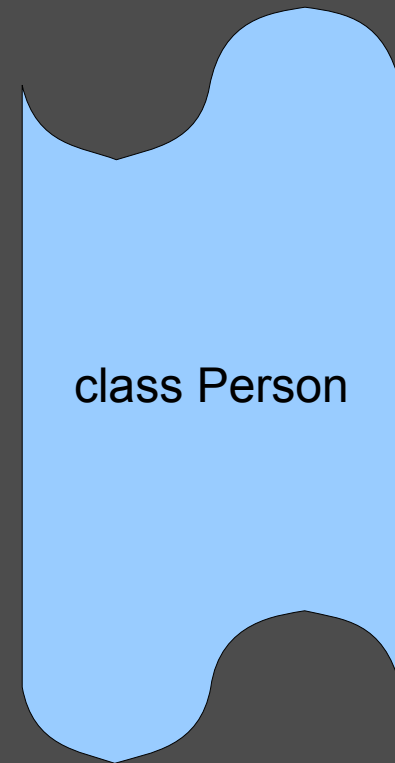
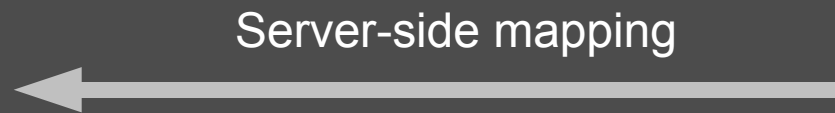
class Person

AS3

# Overview



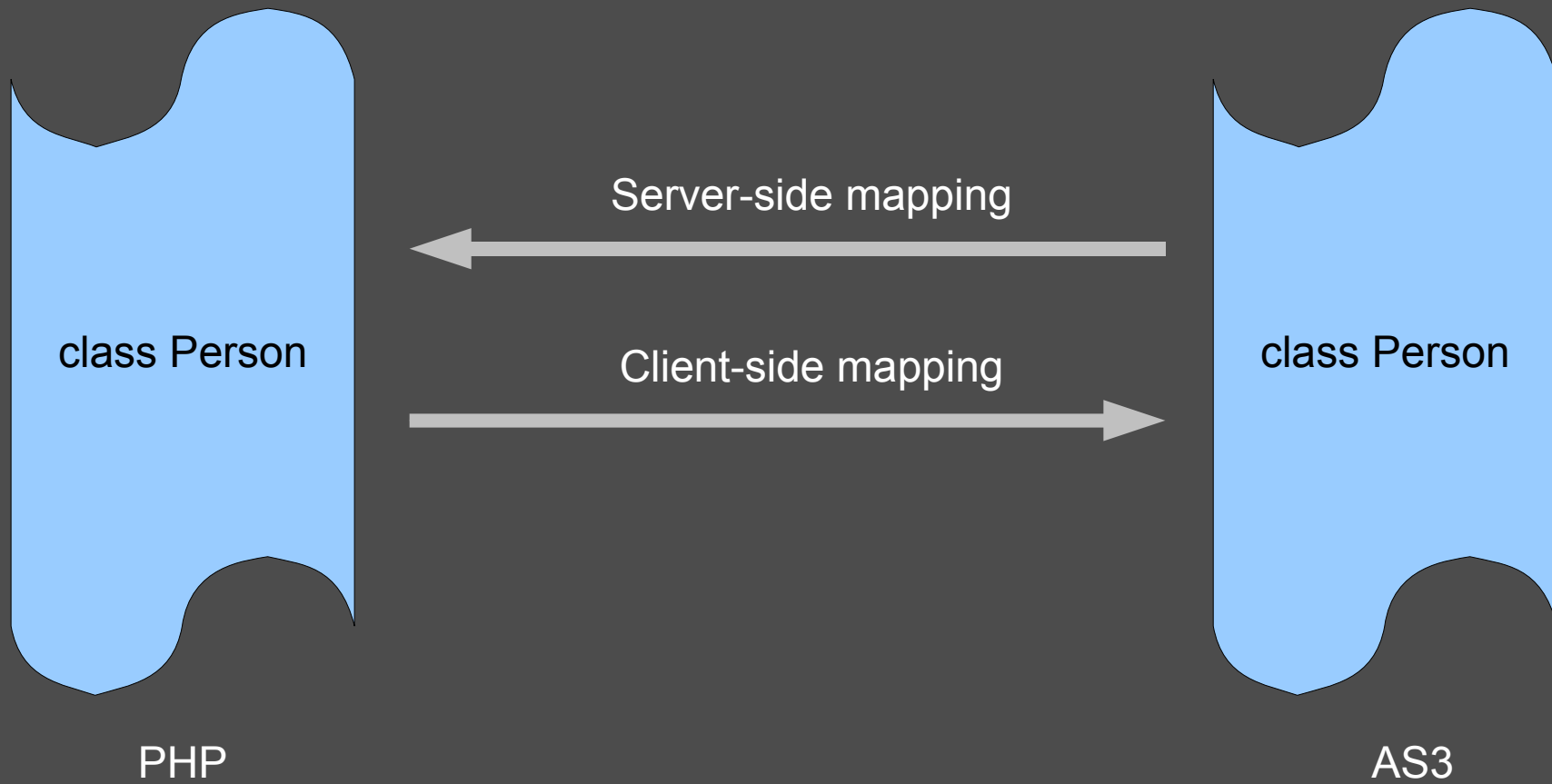
PHP



AS3



# Overview



# Overview



- AMFPHP 1.9 beta 2
  - Incredibly faster (50 to 200 !)
  - Better RecordSet support
  - ByteArray support
  - No more web services support
  - Not 100% flash compliant (for the moment)

# Requirements



- Client-side
  - AS3 SWF
- Server-side
  - PHP 5.2.5
  - Amfphp 1.9 beta 2

# Live Demo



- Flash
  - flash.net.NetConnection
  - flash.net.Responder
  - AS3 POJOs
- PHP
  - Service classes
  - PHP POJOs

# AMFPHP & Flex



- Extended API
  - Built on top of `flash.net.NetConnection`
- `mx.rpc.remoting.RemoteObject`
- `mx.rpc.AbstractOperation`
- `mx.rpc.AsyncToken`

# Optimization



- AMFEXT
  - PHP extension (written in C)
  - AMF encoding ve(eeeeeeeeeeeee)ry fast
  - Supported by Infomaniak :-)
- Requirements
  - Hand on the server
- <http://www.teslacore.it/wiki/index.php?title=AMFEXT>

# Resources



- PHP => AMFPHP / SabreAMF
- Java => OpenAMF
- .NET => AMF.NET

# Q & A



- Thanks for your attention !