**ClickSchedule Developers - Course Agenda**

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| **Day 1** | |
| **Time** | **Topic** |
| **Morning** | Course introduction |
| Client / Server architecture overview  IIS, HTTP, Data connectivity, technology, Silverlight, .NET |
| Develop “Hello world” SXP |
| Debug server code |
| **12:30-13:30** | Lunch break |
| **Afternoon** | Enhance SXP behavior - Know the server API   * Session (commit/rollback), CoreSession * W6PCursor, W6Cursor * W6PGroups, W6Group * Business objects, W6Objects * Scheme server API - overview * Loading, Loader * Settings |
| SXP Message Processor API (In, out)  Exercises |

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| **Day 2** | |
| **Time** | **Topic** |
| **Morning** | Day 1 – summary + exercise overview  Develop a custom web service   * Overview – how does it work? * OOTB web services * Real web service   2 Exercises |
| Develop a custom web service (cont.)  Exercise   * Dummy web service |
| **12:30-13:30** | Lunch break |
| **Afternoon** | * Custom Event * System Event * Error handling in the server   2 exercises |
| Additional customization points overview   * Custom agent, * Custom agent action, * Translator / (mention XSLT example) |

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| **Day 3** | |
| **Time** | **Topic** |
| **Morning** | Basic:   * WebClient Overview (ClickWorkspace, ClickPlatform) * Customizations Aspects (form types…) * Webclient Architecture * Silverlight * Programming Guidelines * Custom Commands (Actions) |
| Exercise - HelloWorld |
| **12:30-13:30** | Lunch break |
| **Afternoon** | Client API:   * Fundamental API * Business Objects \* * Dictionaries * Scheme (MV, Agg) \* |

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| **Day 4** | |
| **Time** | **Topic** |
| **Morning** | * Client API (Continuation) * Groups * Indexes\*\* * Caching * Settings API \* |
| **12:30-13:30** | Lunch break |
| **Afternoon** | * WebServices & SXP * Proxy Class , ProxyGenerator Tool * Synchronous and Asynchronous SXP methods * Custom UI & Events * Forms * Validation, Derivation, Events * Custom panel in Forms * [Ex - Default values to Form] |

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| **Day 5** | |
| **Time** | **Topic** |
| **Morning** | Custom UI & Events (Continuation)  Views:   * Formatters \* * Custom Panels \* * Refresh API |
| **12:30-13:30** | Lunch break |
| **Afternoon** | Advanced Topics   * Logging & Error handling * Navigation Tree * Map (Icon Styler) * Tooltips \* * CS Legacy Forms API (Backward compatibility) * Localization (Optional) * Steps to localize * .NET Localization * Making your Add-Ins Localizable |