

Training Course Details for FCN/FCJ Java Function

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| Course Code | : | STJ |
| Objectives | : | This course covers the Java libraries available within the FCX. The student will learn how to apply Java to applications such as event-driven and periodic email, ftp, accessing control data and creating web-based graphic displays. |
| Course Duration | : | 3 days |
| Training Hours | : | morning session 9 ⁰⁰ to 12 ⁰⁰ afternoon session 13 ⁰⁰ to 16 ⁰⁰ |
| Trainees | : | 8 maximum |
| Participants | : | This course is designed for engineers with some knowledge of programming and who wish to extend the internet functionality of Stardom. |
| Prerequisite | : | The student must have a working knowledge of Java, or have attended the Java Fundamentals training course. |
| Documentation | : | FCN-FCJ Java Function Training Manual / Sample Programs |
| Location | : | Please refer to the supplied Orientation sheet for venue details |
| Additional Information | : | Lunch will be provided. |
| Contact Information | : | National Training Centre Yokogawa Australia Pty Ltd Tower A Level 2 112 – 118 Talavera Rd, MACQUARIE PARK NSW 2113 AUSTRALIA telephone : +61 2 8870 1100 facsimile : +61 2 8870 1111 e-mail : training@au.yokogawa.com Training site : http://www.yokogawa.com/au/cp/trainingcentre.htm Website : http://www.yokogawa.com/au/ |

Course Timetable

| Day | Time | Lectures | ref | Workshops | ref | |
|---------|-------------------------------|--|---------------------------------------|------------------------------------|-----------------------------|-----|
| 1 | 9am | Introduction to FCN-FCJ Java Function | 1.1 | | | |
| | 9.30am | Installation and Setup | 1.2 | | | |
| | 10am | General Procedures | 1.3 | Procedure – System Setup | | |
| | 10.30am | tea break | | | | |
| | 10.45am | Duolets | 2.1 | | | |
| | 11 am | Program Construction | 2.2 | | | |
| | 11.30am | Jeros and Jade Classes | 2.3 | | | |
| | 12pm | Lunch | | | | |
| | 1pm | Jeros and Jade Classes | 2.3 | Exercise – Sleeper function | 4.1 | |
| | 2pm | | Email Functions | 2.4 | | |
| | | | - Email server setup | 2.4.2 | | |
| | 3pm | | - Receiving Email | 2.4.3 | Exercise – Periodic Receive | 4.2 |
| | | | tea break | | | |
| 3.15pm | | - Sending Email | 2.4.4 | | | |
| | | - Duolet Email | 2.4.5 | Exercise – Clock Sender | 4.3 | |
| 5pm | finish | | | | | |
| 2 | 9am | FTP Function - FTP Examples | 2.5 | Exercise – File Transfer | 4.4 | |
| | 10.30am | tea break | | | | |
| | 10.45am | IEC Control Data Access | 2.6 | | | |
| | 11 am | | - Accessing IEC Data | 2.6.1 | | |
| | | | - Accessing Array Variables | 2.6.2 | | |
| | 12pm | lunch | | | | |
| | 1pm | | | Exercise – IECDDataRW | 4.5 | |
| | 3pm | tea break | | | | |
| | 3.15pm | | | Exercise – Logger | 4.6 | |
| 5pm | finish | | | | | |
| 3 | 9am | Webmetry Function | 3 | | | |
| | 9.15am | Setting up the Web server | 3.2 | Procedure – Webmetry Setup | 4.7 | |
| | 9.30am | DIAcq Function - Data Records and Sets | 3.3 | | | |
| | | | 3.3.1-4 | Exercise – Data Records and Sets | 4.8 | |
| | 10.30am | tea break | | | | |
| | 10.45am | - Data Collection | 3.3.5-6 | Exercise – Simple Data Acquisition | 4.9 | |
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| | 12pm | lunch | | | | |
| | 1pm | | | Exercise – IEC Data Acquisition | 4.10 | |
| | 2.30pm | DIView Function | 3.4 | | | |
| | 3pm | tea break | | | | |
| | 3.15pm | Web Page Configuration - Common Configuration - Current Displays | 3.5 | | | |
| | | | 3.5.1 | | | |
| 3.5.2-4 | | | Exercise – Web page, current displays | 4.11 | | |
| 5pm | - Historical Trends finish | 3.5.5 | Exercise – Web page, trend | 4.12 | | |
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