



safety architect

Critical paths report

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1. Feared events

1.1. Erroneous Message

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107	{trainData::trainDataStorage}->[actualStatus](U) => {trainData::trainDataStorage}->[actualTrainData](U) => {calculateTrainPosition::Abstract definition}->[trainProperties](U) => {calculateTrainPosition::Abstract definition}->[errors](U) => {ProvidePositionReport::ErrorManager}->[DoubleRepositioningError](U) => {ProvidePositionReport::ErrorManager}->[errorVector](E) => {ProvidePositionReport::Build_SinglePosReport}->[errorMsg](E) => {ProvidePositionReport::Build_SinglePosReport}->[posRepHeader](E) => Erroneous Message
108	{trainData::trainDataStorage}->[trainDatafromTIU](U) => {trainData::trainDataStorage}->[actualTrainData](U) => {calculateTrainPosition::Abstract definition}->[trainProperties](U) => {calculateTrainPosition::Abstract definition}->[errors](U) => {ProvidePositionReport::ErrorManager}->[DoubleRepositioningError](U) => {ProvidePositionReport::ErrorManager}->[errorVector](E) => {ProvidePositionReport::Build_SinglePosReport}->[errorMsg](E) => {ProvidePositionReport::Build_SinglePosReport}->[posRepHeader](E) => Erroneous Message
109	{calculateTrainPosition::Abstract definition}->[currentOdometry](A) => {calculateTrainPosition::Abstract definition}->[errors](A) => {ProvidePositionReport::ErrorManager}->[BG_LinkingConsistencyError](A) => {ProvidePositionReport::ErrorManager}->[errorVector](E) => {ProvidePositionReport::Build_SinglePosReport}->[errorMsg](E) => {ProvidePositionReport::Build_SinglePosReport}->[posRepHeader](E) => Erroneous Message
110	{Manage_TrackSideInformation_Integration::InformationFilter}->[Barrier](A) => {Manage_TrackSideInformation_Integration::InformationFilter}->[outMessage](A) => {calculateTrainPosition::Abstract definition}->[msgFromTrack](A) => {calculateTrainPosition::Abstract definition}->[errors](A) => {ProvidePositionReport::ErrorManager}->[BG_LinkingConsistencyError](A) => {ProvidePositionReport::ErrorManager}->[errorVector](E) => {ProvidePositionReport::Build_SinglePosReport}->[errorMsg](E) => {ProvidePositionReport::Build_SinglePosReport}->[posRepHeader](E) => Erroneous Message
111	{manageDMI_Input::Abstract}->[InSystemTime](A) => {manageDMI_Input::Abstract}->[fromDMI_TrainRunningNumber](A) => {calculateTrainPosition::Abstract definition}->[trainProperties](A) => {calculateTrainPosition::Abstract definition}->[errors](A) => {ProvidePositionReport::ErrorManager}->[BG_LinkingConsistencyError](A) => {ProvidePositionReport::ErrorManager}->[errorVector](E) => {ProvidePositionReport::Build_SinglePosReport}->[errorMsg](E) => {ProvidePositionReport::Build_SinglePosReport}->[posRepHeader](E) => Erroneous Message
112	{manageDMI_Input::Abstract}->[API_fromAPI](A) => {manageDMI_Input::Abstract}->[fromDMI_TrainRunningNumber](A) => {calculateTrainPosition::Abstract definition}->[trainProperties](A) => {calculateTrainPosition::Abstract definition}->[errors](A) => {ProvidePositionReport::ErrorManager}->[BG_LinkingConsistencyError](A) => {ProvidePositionReport::ErrorManager}->[errorVector](E) => {ProvidePositionReport::Build_SinglePosReport}->[errorMsg](E) => {ProvidePositionReport::Build_SinglePosReport}->[posRepHeader](E) => Erroneous Message

121	{manageDMI_Input::Abstract}->[API_fromAPI](A) => {manageDMI_Input::Abstract}->[fromDMI_TrainDataAck](A) => {trainData::trainDataStorage}->[trainDataAckfromDriver](A) => {trainData::trainDataStorage}->[actualTrainData](A) => {calculateTrainPosition::Abstract definition}->[trainProperties](A) => {calculateTrainPosition::Abstract definition}->[errors](A) => {ProvidePositionReport::ErrorManager}->[BG_LinkingConsistencyError](A) => {ProvidePositionReport::ErrorManager}->[errorVector](E) => {ProvidePositionReport::Build_SinglePosReport}->[errorMsg](E) => {ProvidePositionReport::Build_SinglePosReport}->[posRepHeader](E) => Erroneous Message
122	{manageDMI_Input::Abstract}->[dmiStatusReset](A) => {manageDMI_Input::Abstract}->[fromDMI_TrainDataAck](A) => {trainData::trainDataStorage}->[trainDataAckfromDriver](A) => {trainData::trainDataStorage}->[actualTrainData](A) => {calculateTrainPosition::Abstract definition}->[trainProperties](A) => {calculateTrainPosition::Abstract definition}->[errors](A) => {ProvidePositionReport::ErrorManager}->[BG_LinkingConsistencyError](A) => {ProvidePositionReport::ErrorManager}->[errorVector](E) => {ProvidePositionReport::Build_SinglePosReport}->[errorMsg](E) => {ProvidePositionReport::Build_SinglePosReport}->[posRepHeader](E) => Erroneous Message
123	{ProvidePositionReport::ErrorManager}->[LinkedBG_MessageConsistencyError](A) => {ProvidePositionReport::ErrorManager}->[errorVector](E) => {ProvidePositionReport::Build_SinglePosReport}->[errorMsg](E) => {ProvidePositionReport::Build_SinglePosReport}->[posRepHeader](E) => Erroneous Message
124	{ProvidePositionReport::ErrorManager}->[UnlinkedBG_MessageConsistencyError](A) => {ProvidePositionReport::ErrorManager}->[errorVector](E) => {ProvidePositionReport::Build_SinglePosReport}->[errorMsg](E) => {ProvidePositionReport::Build_SinglePosReport}->[posRepHeader](E) => Erroneous Message
125	{ProvidePositionReport::ErrorManager}->[RadioMessageConsistencyError](A) => {ProvidePositionReport::ErrorManager}->[errorVector](E) => {ProvidePositionReport::Build_SinglePosReport}->[errorMsg](E) => {ProvidePositionReport::Build_SinglePosReport}->[posRepHeader](E) => Erroneous Message
126	{ProvidePositionReport::ErrorManager}->[RadioSequenceError](A) => {ProvidePositionReport::ErrorManager}->[errorVector](E) => {ProvidePositionReport::Build_SinglePosReport}->[errorMsg](E) => {ProvidePositionReport::Build_SinglePosReport}->[posRepHeader](E) => Erroneous Message
127	{ProvidePositionReport::ErrorManager}->[RadioSafeRadioConnectionError](A) => {ProvidePositionReport::ErrorManager}->[errorVector](E) => {ProvidePositionReport::Build_SinglePosReport}->[errorMsg](E) => {ProvidePositionReport::Build_SinglePosReport}->[posRepHeader](E) => Erroneous Message
128	{ProvidePositionReport::ErrorManager}->[SafetyCriticalFailure](A) => {ProvidePositionReport::ErrorManager}->[errorVector](E) => {ProvidePositionReport::Build_SinglePosReport}->[errorMsg](E) => {ProvidePositionReport::Build_SinglePosReport}->[posRepHeader](E) => Erroneous Message
129	{calculateTrainPosition::Abstract definition}->[currentOdometry](A) => {calculateTrainPosition::Abstract definition}->[errors](A) => {ProvidePositionReport::ErrorManager}->[DoubleLinkingError](A) => {ProvidePositionReport::ErrorManager}->[errorVector](E) => {ProvidePositionReport::Build_SinglePosReport}->[errorMsg](E) => {ProvidePositionReport::Build_SinglePosReport}->[posRepHeader](E) => Erroneous Message
130	{Manage_TrackSideInformation_Integration::InformationFilter}->[Barrier](A) => {Manage_TrackSideInformation_Integration::InformationFilter}->[outMessage](A) => {calculateTrainPosition::Abstract definition}->[msgFromTrack](A) => {calculateTrainPosition::Abstract definition}->[errors](A) => {ProvidePositionReport::ErrorManager}->[DoubleLinkingError](A) => {ProvidePositionReport::ErrorManager}->[errorVector](E) => {ProvidePositionReport::Build_SinglePosReport}->[errorMsg](E) => {ProvidePositionReport::Build_SinglePosReport}->[posRepHeader](E) => Erroneous Message

155	{manageDMI_Input::Abstract}->[API_fromAPI](A) => {manageDMI_Input::Abstract}->[fromDMI_TrainDataAck] (A) => {trainData::trainDataStorage}->[trainDataAckfromDriver](A) => {trainData::trainDataStorage}- >[actualTrainData](A) => {calculateTrainPosition::Abstract definition}->[trainProperties](A) => {calculateTrainPosition::Abstract definition}->[errors](A) => {ProvidePositionReport::ErrorManager}- >[DoubleRepositioningError](A) => {ProvidePositionReport::ErrorManager}->[errorVector](E) => {ProvidePositionReport::Build_SinglePosReport}->[errorMsg](E) => {ProvidePositionReport::Build_SinglePosReport}->[posRepHeader](E) => Erroneous Message
156	{manageDMI_Input::Abstract}->[dmiStatusReset](A) => {manageDMI_Input::Abstract}- >[fromDMI_TrainDataAck](A) => {trainData::trainDataStorage}->[trainDataAckfromDriver](A) => {trainData::trainDataStorage}->[actualTrainData](A) => {calculateTrainPosition::Abstract definition}- >[trainProperties](A) => {calculateTrainPosition::Abstract definition}->[errors](A) => {ProvidePositionReport::ErrorManager}->[DoubleRepositioningError](A) => {ProvidePositionReport::ErrorManager}->[errorVector](E) => {ProvidePositionReport::Build_SinglePosReport}->[errorMsg](E) => {ProvidePositionReport::Build_SinglePosReport}->[posRepHeader](E) => Erroneous Message
157	{ProvidePositionReport::Build_SinglePosReport}->[trainProps](E) => {ProvidePositionReport::Build_SinglePosReport}->[posRepHeader](E) => Erroneous Message